

Converting Colors

XYZ(79.6640, 85.7973,
106.9695)

Have a look what the booklet for
XYZ(79.6640, 85.7973, 106.9695)
contains.

XYZ(79.6295, 85.6602, 106.9449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.6295, 85.6602,
106.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF1FF
RGB	222, 241, 255
RGB Percent	87%, 95%, 100%
CMY	0.1294, 0.0549, 0.0000
CMYK	0.13, 0.05, 0.00, 0.00
HSL	205°, 100%, 94%
HSV	205°, 13%, 100%
XYZ	79.6295, 85.6602, 106.9449
YIQ	236.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

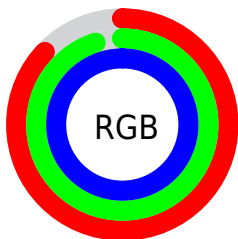
Format	Color
R_{YB}	222, 234, 255
Decimal	14610943
CIE _{Lab}	94.17, -3.50, -8.86
CIE _{LCh}	94, 9.530, 248.442
Yxy	85.6602, 0.2925, 0.3147
Android (android.graphics.Color)	4292801023 (0xFFDEF1FF)
YUV	236.9150, 8.9159, -13.0805
Hunter-Lab	92.5528, -8.3916, -3.7227

Details

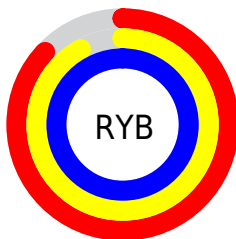
The XYZ color **79.6295, 85.6602, 106.9449** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4197, 86.5232, 81.3601**, and the grayscale version is **80.3751, 84.5609, 92.0868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4784, 46.9906, 60.2046** is the 20% darker color. If you saturate the color by 10%, you get **69.2957, 75.7229, 105.5715**, and if you desaturate by 10%, it is **91.3391, 96.5935, 108.4381**.

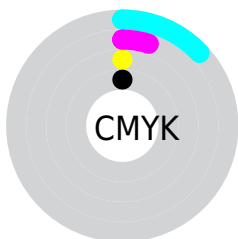
Distribution



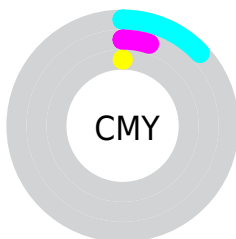
- Red (87%)
- Green (95%)
- Blue (100%)



- Red (87%)
- Yellow (92%)
- Blue (100%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6295, 85.6602, 106.9449 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.6295, 85.6602, 106.9449 by changing the saturation by 10% instead.

79.6295, 85.6602,
106.9449

79.6295, 85.6602,
106.9449

482.4389,
513.8101, 603.6724

59.7209, 64.3870,
81.4639

131.7980,
141.2952, 172.8036

43.4423, 46.9642,
60.3905

164.7886,
176.4258, 214.0185

30.4284, 33.0074,
43.3061

202.8706,
216.9444, 261.3150

20.3136, 22.1321,
29.7922

246.4093,
263.2353, 315.1118

12.7328, 13.9540,
19.4302

295.7702,
315.6829, 375.8274

7.3206, 8.0887,
11.8016

351.3185,

3.7115, 4.1517,

374.6717, 443.8803

6.4878

413.4196,
440.5859, 519.6891

■ 1.5402, 1.7588,
3.0704

■ 0.3530, 0.4613,
1.1307

■ 79.6295, 85.6602,
106.9449

■ 79.6295, 85.6602,
106.9449

■ 69.2957, 75.7229,
105.5715

■ 91.3391, 96.5935,
108.4381

■ 60.2747, 66.7374,
104.3125

95.0500, 100.0000,
108.9000

■ 52.5086, 58.6711,
103.1649

■ 45.9321, 51.4853,
102.1245

■ 40.4734, 45.1377,
101.1870

■ 36.0525, 39.5815,
100.3476

■ 32.5770, 34.7636,
99.6008

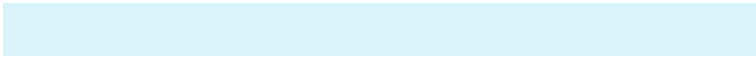
■ 29.9355, 30.6207,
98.9404

■ 28.4606, 28.0412,
98.5202

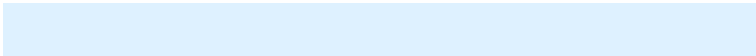
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6381, 85.6602, 102.2727



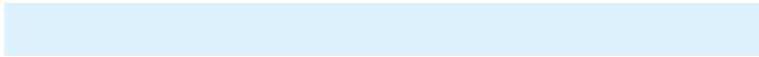
79.6295, 85.6602, 106.9449



82.1392, 85.6602, 107.8567

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6295, 85.6602, 106.9449



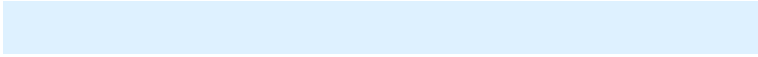
86.3632, 85.6602, 91.2236



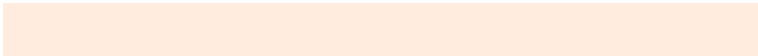
78.4077, 85.6602, 82.7001

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.6295, 85.6602, 106.9449



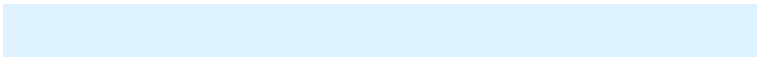
84.4197, 86.5232, 81.3601

Split Complementary

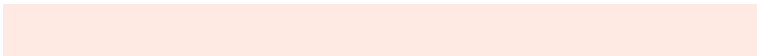
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6999, 85.6602, 80.0605



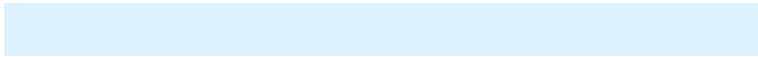
79.6295, 85.6602, 106.9449



85.3175, 85.6602, 84.8106

Square

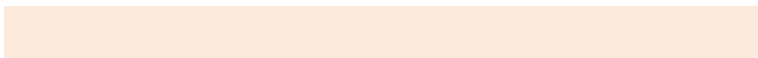
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6295, 85.6602, 106.9449



86.0621, 85.6602, 98.5236



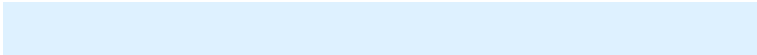
83.2320, 85.6602, 80.8124



76.9430, 85.6602, 88.2054

Rectangle

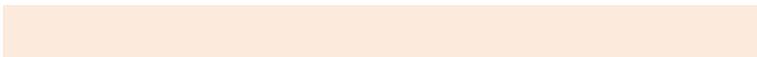
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6295, 85.6602, 106.9449



83.7745, 85.6602, 106.1664



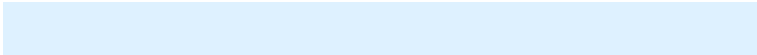
83.2320, 85.6602, 80.8124



79.1051, 85.6602, 81.4616

Sweetspot

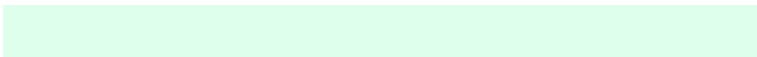
The Sweet Spot groups the original color and five complimentary colors.



79.6318, 85.6637, 106.9454



90.0319, 95.3874, 108.2742



80.9891, 93.0916, 92.8675



19.0740, 20.2351, 23.1504



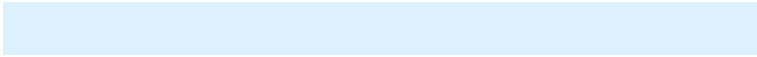
0.0000, 0.0000, 0.0000



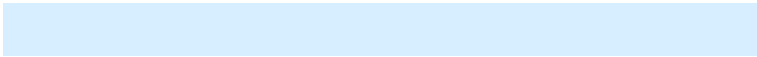
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6318, 85.6637, 106.9454



76.3261, 82.5186, 106.5126



75.0331, 76.4664, 105.4126



17.8717, 19.1151, 22.9976



15.0224, 14.9544, 51.5293



1.5710, 1.6727, 5.0533

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83.2399, 79.8550, 94.2495



80.7252, 75.6096, 90.9946



89.3142, 96.3121, 82.9916



18.4479, 18.1625, 20.9758



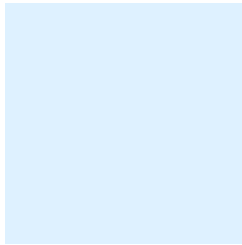
24.3708, 12.2376, 15.8690



2.4276, 1.2134, 1.8330

Previews

White Background



This preview shows how the XYZ color 79.6295, 85.6602, 106.9449 looks on a white background.

Color Contrast Check

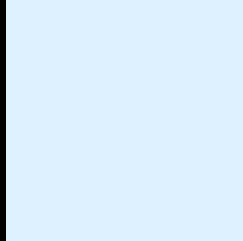
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.6295, 85.6602, 106.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

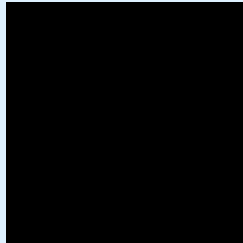
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

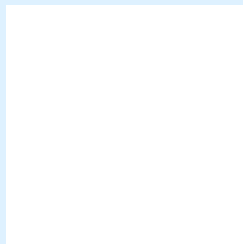
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6295, 85.6602, 106.9449

Background



This preview shows how black text looks on a background with the XYZ color 79.6295, 85.6602, 106.9449.



This preview shows how white text looks on a background with the XYZ color 79.6295, 85.6602,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.6295, 85.6602, 106.9449

Protanopia

82.8260, 85.1963, 104.1746

Deuteranopia

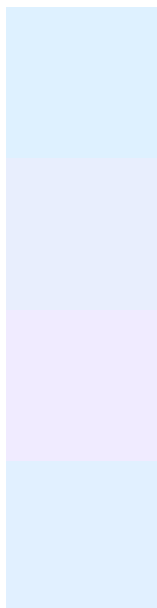
86.6903, 85.4425, 106.5307



Tritanopia

80.5741, 85.7089, 106.9045

Trichromacy



Original Color

79.6295, 85.6602, 106.9449

Protanomaly

81.5829, 85.3967, 105.1118

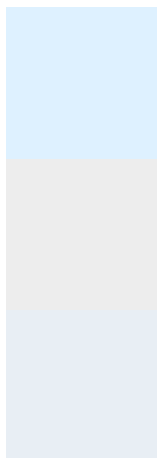
Deuteranomaly

83.6935, 85.1619, 106.6345

Tritanomaly

80.2614, 85.5477, 106.8899

Monochromacy



Original Color

79.6295, 85.6602, 106.9449

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.1824, 84.8365, 97.7370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6295, 85.6602, 106.9449 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(222, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 241, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(222, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6295, 85.6602, 106.9449 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 241, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(222, 241, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(222, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6295, 85.6602, 106.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 241, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(222,  
241, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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