

Converting Colors

XYZ(79.6616, 80.9945,
106.0426)

Have a look what the booklet for
XYZ(79.6616, 80.9945, 106.0426)
contains.

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Color

**XYZ(79.6255, 80.9694,
106.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E6FF
RGB	232, 230, 255
RGB Percent	91%, 90%, 100%
CMY	0.0902, 0.0980, 0.0000
CMYK	0.09, 0.10, 0.00, 0.00
HSL	245°, 100%, 95%
HSV	245°, 10%, 100%
XYZ	79.6255, 80.9694, 106.0397
YIQ	233.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

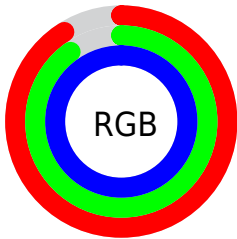
Format	Color
R_{YB}	232, 230, 255
Decimal	15263487
CIE _{Lab}	92.12, 5.32, -11.83
CIE _{LCh}	92, 12.975, 294.213
Yxy	80.9694, 0.2986, 0.3037
Android (android.graphics.Color)	4293453567 (0xFFE8E6FF)
YUV	233.4480, 10.6251, -1.2699
Hunter-Lab	89.9830, 0.4835, -6.8817

Details

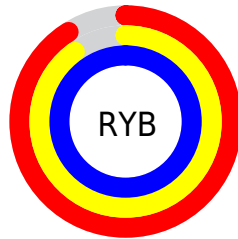
The XYZ color **79.6255, 80.9694, 106.0397** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.5529, 98.1167, 89.0326**, and the grayscale version is **77.7176, 81.7650, 89.0421**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4275, 43.9673, 59.6237** is the 20% darker color. If you saturate the color by 10%, you get **65.9275, 64.1345, 103.5122**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

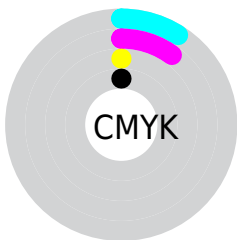
Distribution



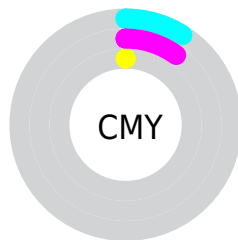
- Red (91%)
- Green (90%)
- Blue (100%)



- Red (91%)
- Yellow (90%)
- Blue (100%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6255, 80.9694, 106.0397 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 79.6255, 80.9694, 106.0397 by changing the saturation by 10% instead.

79.6255, 80.9694,
106.0397

79.6255, 80.9694,
106.0397

482.4256,
498.1938, 600.7991

59.7176, 60.5164,
80.7091

131.7924,
134.7278, 171.5567

43.4397, 43.8350,
59.7725

164.7821,
168.8020, 212.5801

30.4263, 30.5408,
42.8112

202.8631,
208.1854, 259.6717

20.3120, 20.2494,
29.4067

246.4008,
253.2623, 313.2498

12.7316, 12.5765,
19.1405

295.7606,
304.4172, 373.7331

7.3197, 7.1376,
11.5940

351.3077,

3.7110, 3.5483,

362.0345, 441.5400

6.3487

413.4076,
426.4986, 517.0892

■ 1.5399, 1.4242,
2.9860

■ 0.3528, 0.2345,
1.0875

■ 79.6255, 80.9694,
106.0397

■ 79.6255, 80.9694,
106.0397

■ 65.9275, 64.1345,
103.5122

95.0500, 100.0000,
108.9000

■ 54.1972, 49.7861,
101.3609

■ 44.3460, 37.8092,
99.5684

■ 36.2760, 28.0758,
98.1150

■ 29.8804, 20.4461,
96.9794

■ 25.0408, 14.7641,
96.1377

■ 21.6234, 10.8525,
95.5628

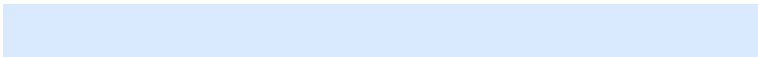
■ 19.4711, 8.5011,
95.2224

■ 18.3613, 7.3886,
95.0661

Harmonies

Analogous

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



76.3127, 80.9694, 107.7746



79.6255, 80.9694, 106.0397



82.2919, 80.9694, 99.3710

Triad

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



79.6255, 80.9694, 106.0397



80.7793, 80.9694, 74.0559



70.7394, 80.9694, 86.3188

Complementary

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



79.6255, 80.9694, 106.0397



90.5529, 98.1167, 89.0326

Split Complementary

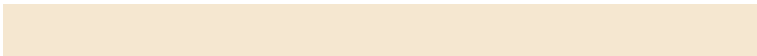
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8616, 80.9694, 77.8291



79.6255, 80.9694, 106.0397



77.6089, 80.9694, 71.0858

Square

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



79.6255, 80.9694, 106.0397



82.9715, 80.9694, 80.8252



74.3527, 80.9694, 72.4157



71.2442, 80.9694, 95.9297

Rectangle

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



79.6255, 80.9694, 106.0397



83.3116, 80.9694, 93.2656



74.3527, 80.9694, 72.4157



70.9378, 80.9694, 83.2479

Sweetspot

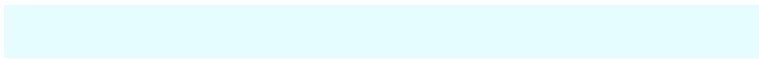
The Sweet Spot groups the original color and five complimentary colors.



79.6277, 80.9727, 106.0402



90.1155, 93.9052, 107.9837



85.9155, 94.5053, 108.3209



19.0130, 19.7596, 23.0618



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.



79.6277, 80.9727, 106.0402



76.4428, 77.0522, 105.4513



83.7152, 83.0799, 106.2315



17.1374, 17.4471, 22.7143



9.6331, 3.8765, 49.6751



0.9821, 0.4002, 4.8388

Inverse Universe

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



87.2684, 84.9486, 104.7284



85.6622, 81.8501, 103.8414



86.2634, 95.9054, 88.8318



18.7264, 18.2739, 22.4422



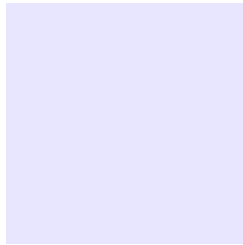
29.3824, 14.2423, 42.2599



2.8787, 1.3938, 4.2085

Previews

White Background



This preview shows how the XYZ color 79.6255, 80.9694, 106.0397 looks on a white background.

Color Contrast Check

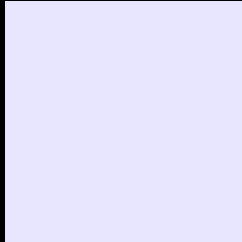
Large Text (above 18pt) WCAG AA × Fail

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 79.6255, 80.9694, 106.0397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

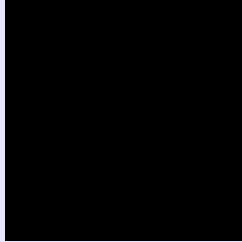
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6255, 80.9694, 106.0397

Background



This preview shows how black text looks on a background with the XYZ color 79.6255, 80.9694, 106.0397.



This preview shows how white text looks on a background with the XYZ color 79.6255, 80.9694,

106.0397.

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

79.6255, 80.9694, 106.0397

Protanopia

79.2590, 81.1948, 106.1025

Deuteranopia

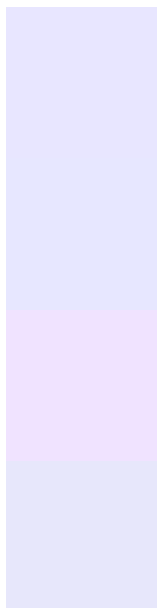
82.5546, 80.8458, 105.8614



Tritanopia

78.6298, 80.9803, 101.1091

Trichromacy



Original Color

79.6255, 80.9694, 106.0397

Protanomaly

79.5809, 81.3608, 106.1176

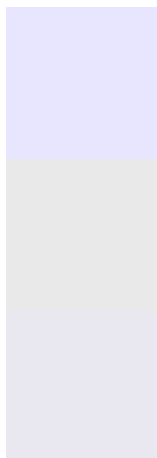
Deuteranomaly

81.4543, 80.6834, 105.8881

Tritanomaly

78.9435, 81.1058, 102.7610

Monochromacy



Original Color

79.6255, 80.9694, 106.0397

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.3381, 81.3877, 94.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6255, 80.9694, 106.0397 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(232, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 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(232, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 79.6255, 80.9694, 106.0397 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(232, 230, 255) }
```


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

```
.border{ border-color:rgb(232, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6255, 80.9694, 106.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 255) }
```

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

```
.background{ background-color: rgb(232,  
230, 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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