

Converting Colors

XYZ(75.3075, 80.1438,
106.1079)

Have a look what the booklet for
XYZ(75.3075, 80.1438, 106.1079)
contains.

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Color

**XYZ(75.2132, 79.9449,
106.0745)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E9FF
RGB	215, 233, 255
RGB Percent	84%, 91%, 100%
CMY	0.1569, 0.0863, 0.0000
CMYK	0.16, 0.09, 0.00, 0.00
HSL	213°, 100%, 92%
HSV	213°, 16%, 100%
XYZ	75.2132, 79.9449, 106.0745
YIQ	230.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

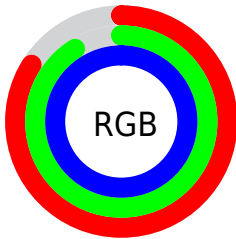
Format	Color
R _Y B	215, 227, 255
Decimal	14150143
CIE Lab	91.66, -1.58, -12.64
CIE LCh	92, 12.742, 262.891
Yxy	79.9449, 0.2879, 0.3060
Android (android.graphics.Color)	4292340223 (0xFFD7E9FF)
YUV	230.1260, 12.2629, -13.2655
Hunter-Lab	89.4119, -6.3168, -7.7508

Details

The XYZ color **75.2132, 79.9449, 106.0745** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.7894, 86.7332, 76.6165**, and the grayscale version is **75.2304, 79.1482, 86.1924**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4124, 42.9951, 59.5950** is the 20% darker color. If you saturate the color by 10%, you get **64.4880, 68.7571, 104.4803**, and if you desaturate by 10%, it is **87.4251, 92.3717, 107.8295**.

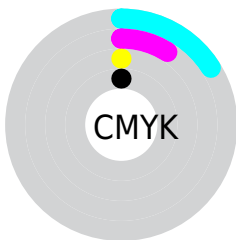
Distribution



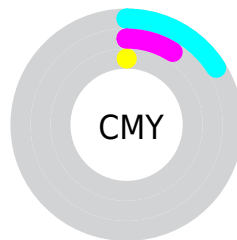
- Red (84%)
- Green (91%)
- Blue (100%)



- Red (84%)
- Yellow (89%)
- Blue (100%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2132, 79.9449, 106.0745 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 75.2132, 79.9449, 106.0745 by changing the saturation by 10% instead.

■ 75.2132, 79.9449,
106.0745

■ 75.2132, 79.9449,
106.0745

467.6359,
494.7471, 600.9097

■ 56.0824, 59.6730,
80.7382

125.6004,
133.2883, 171.6046

■ 40.5062, 43.1551,
59.7962

157.5875,
167.1285, 212.6355

■ 28.1194, 30.0069,
42.8302

194.5907,
206.2604, 259.7349

■ 18.5566, 19.8438,
29.4215

236.9754,
251.0682, 313.3214

■ 11.4524, 12.2815,
19.1516

285.1069,
301.9364, 373.8136

■ 6.4415, 6.9357,
11.6019

339.3506,

■ 3.1586, 3.4219,

359.2493, 441.6301

6.3540

400.0718,
423.3915, 517.1892

■ 1.2382, 1.3558,
2.9893

■ 0.1362, 0.1838,
1.0892

■ 75.2132, 79.9449,
106.0745

■ 75.2132, 79.9449,
106.0745

■ 64.4880, 68.7571,
104.4803

■ 87.4251, 92.3717,
107.8295

■ 55.1820, 58.7562,
103.0404

95.0500, 100.0000,
108.9000

■ 47.2317, 49.9005,
101.7501

■ 40.5657, 42.1415,
100.6038

■ 35.1056, 35.4266,
99.5955

■ 30.7636, 29.6979,
98.7186

■ 27.4379, 24.8895,
97.9658

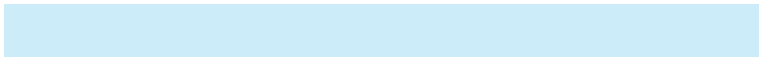
■ 25.0041, 20.9233,
97.3285

■ 24.1550, 19.4301,
97.0850

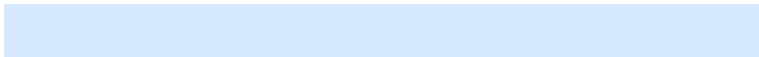
Harmonies

Analogous

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



72.2709, 79.9449, 102.1396



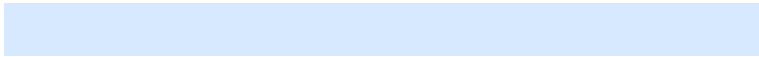
75.2132, 79.9449, 106.0745



78.4461, 79.9449, 104.6277

Triad

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



75.2132, 79.9449, 106.0745



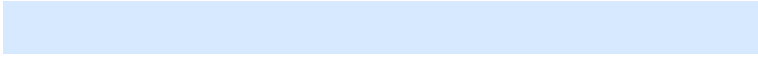
81.8988, 79.9449, 80.2579



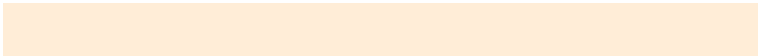
71.1019, 79.9449, 76.6724

Complementary

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



75.2132, 79.9449, 106.0745



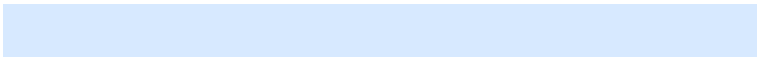
83.7894, 86.7332, 76.6165

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.



73.5763, 79.9449, 71.5540



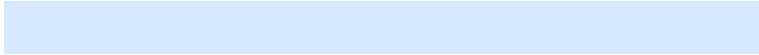
75.2132, 79.9449, 106.0745



79.8247, 79.9449, 73.5185

Square

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



75.2132, 79.9449, 106.0745



82.3674, 79.9449, 89.2839



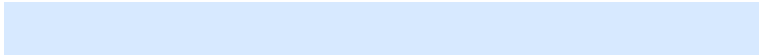
76.7625, 79.9449, 70.4419



69.9416, 79.9449, 84.8466

Rectangle

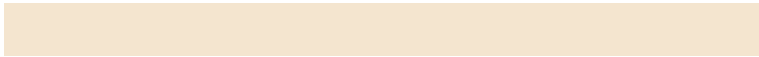
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2132, 79.9449, 106.0745



80.3256, 79.9449, 100.8520



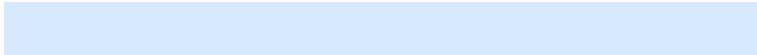
76.7625, 79.9449, 70.4419



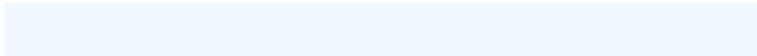
71.8041, 79.9449, 74.5620

Sweetspot

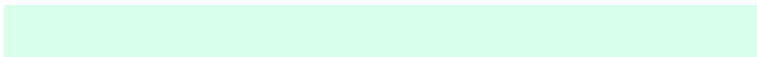
The Sweet Spot groups the original color and five complimentary colors.



75.2153, 79.9481, 106.0750



88.3178, 93.2694, 107.9557



78.9740, 92.0430, 93.2155



18.7078, 19.7665, 23.0793



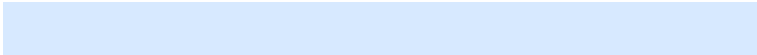
0.0000, 0.0000, 0.0000



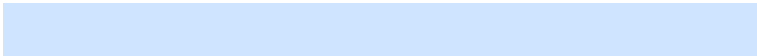
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2153, 79.9481, 106.0750



71.4983, 76.1042, 105.5290



70.7691, 70.4721, 104.4803



17.6762, 18.7241, 22.9324



12.7658, 10.4411, 50.7771



1.3502, 1.2311, 4.9797

Inverse Universe

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



80.2497, 75.7455, 87.4853



77.4972, 71.2892, 83.3346



88.7772, 97.4344, 78.4192



18.3492, 18.1230, 20.4562



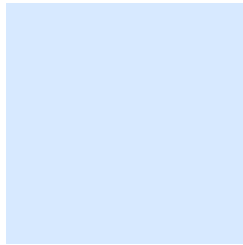
23.2318, 11.7820, 9.8709



2.3161, 1.1688, 1.2462

Previews

White Background



This preview shows how the XYZ color 75.2132, 79.9449, 106.0745 looks on a white background.

Color Contrast Check

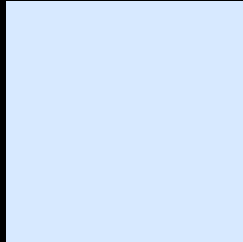
Large Text (above 18pt) WCAG AA × Fail

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 75.2132, 79.9449, 106.0745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

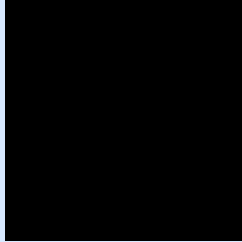
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

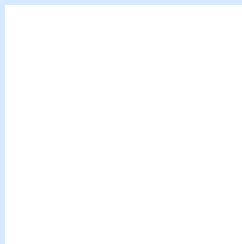
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.2132, 79.9449, 106.0745

Background



This preview shows how black text looks on a background with the XYZ color 75.2132, 79.9449, 106.0745.



This preview shows how white text looks on a background with the XYZ color 75.2132, 79.9449,

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

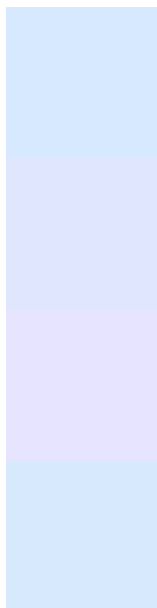




Tritanopia

74.4412, 79.6022, 103.5368

Trichromacy



Original Color

75.2132, 79.9449, 106.0745

Protanomaly

76.6176, 79.4374, 105.0607

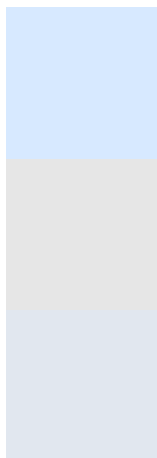
Deuteranomaly

78.7484, 79.6957, 105.8401

Tritanomaly

74.6001, 79.6658, 104.3737

Monochromacy



Original Color

75.2132, 79.9449, 106.0745

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.2072, 79.3914, 93.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2132, 79.9449, 106.0745 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(215, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 233, 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(215, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 233, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2132, 79.9449, 106.0745 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(215, 233, 255) }
```


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

```
.border{ border-color:rgb(215, 233, 255) }
```

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

Here you see how a box with a 4 pixel rgb(215, 233, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 233,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2132, 79.9449, 106.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 233, 255) }
```

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

```
.background{ background-color: rgb(215,  
233, 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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