

Converting Colors

XYZ(75.7612, 83.4716, 96.4031)

Have a look what the booklet for
XYZ(75.7612, 83.4716, 96.4031)
contains.

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Color

**XYZ(75.8024, 83.4827,
96.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F0F2
RGB	217, 240, 242
RGB Percent	85%, 94%, 95%
CMY	0.1490, 0.0588, 0.0510
CMYK	0.10, 0.01, 0.00, 0.05
HSL	185°, 49%, 90%
HSV	185°, 10%, 95%
XYZ	75.8024, 83.4827, 96.1230
YIQ	233.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

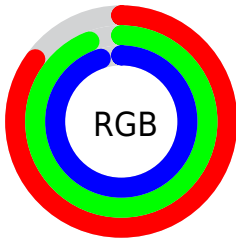
Format	Color
R _Y B	217, 229, 242
Decimal	14282994
CIE Lab	93.23, -7.12, -3.54
CIE LCh	93, 7.951, 206.445
Yxy	83.4827, 0.2968, 0.3269
Android (android.graphics.Color)	4292473074 (0xFFD9F0F2)
YUV	233.3510, 4.2640, -14.3398
Hunter-Lab	91.3689, -11.8065, 1.5832

Details

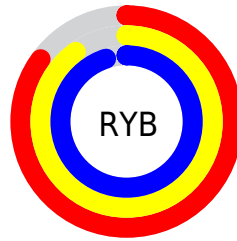
The XYZ color **75.8024, 83.4827, 96.1230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4744, 74.5497, 76.1114**, and the grayscale version is **77.6951, 81.7413, 89.0163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9037, 45.5075, 53.0824** is the 20% darker color. If you saturate the color by 10%, you get **68.5648, 78.9137, 95.6239**, and if you desaturate by 10%, it is **84.1056, 88.6146, 96.6772**.

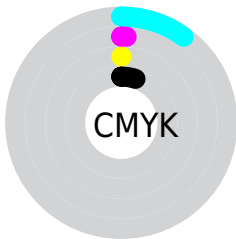
Distribution



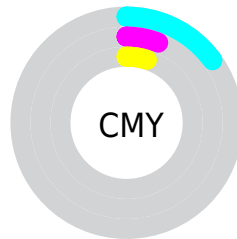
- Red (85%)
- Green (94%)
- Blue (95%)



- Red (85%)
- Yellow (90%)
- Blue (95%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8024, 83.4827, 96.1230 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 75.8024, 83.4827, 96.1230 by changing the saturation by 10% instead.

75.8024, 83.4827,
96.1230

75.8024, 83.4827,
96.1230

469.6258,
506.5938, 568.8298

56.5670, 62.5884,
72.4680

126.4294,
138.2513, 157.8241

40.8965, 45.5083,
53.0519

158.5517,
172.8945, 196.7072

28.4255, 31.8580,
37.4562

195.7003,
212.8894, 241.5034

18.7887, 21.2531,
25.2623

238.2406,
258.6204, 292.6312

11.6208, 13.3091,
16.0518

286.5379,
310.4720, 350.5092

6.5564, 7.6417,
9.4061

340.9577,

3.2301, 3.8666,

368.8285, 415.5560

4.9066

401.8652,
434.0743, 488.1900

■ 1.2766, 1.5992,
2.1348

■ 0.1656, 0.3571,
0.6363

■ 75.8024, 83.4827,
96.1230

■ 75.8024, 83.4827,
96.1230

■ 68.5648, 78.9137,
95.6239

■ 84.1056, 88.6146,
96.6772

■ 62.3399, 74.8735,
95.1721

■ 89.5790, 92.2944,
97.0990

■ 57.0810, 71.3402,
94.7673

■ 90.1632, 93.4628,
97.2938

■ 52.7349, 68.2864,
94.4069

■ 90.7535, 94.6434,
97.4905

■ 49.2434, 65.6819,
94.0882

■ 91.3499, 95.8363,
97.6893

■ 46.5411, 63.4933,
93.8082

■ 91.9525, 97.0414,
97.8902

■ 44.5536, 61.6819,
93.5633

■ 92.5613, 98.2590,
98.0931

■ 43.1920, 60.2020,
93.3494

■ 93.0273, 99.1909,
98.2484

■ 42.3282, 59.0129,
93.1654

Harmonies

Analogous

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



75.4026, 83.4827, 90.1865



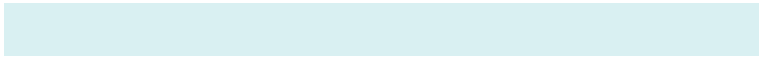
75.8024, 83.4827, 96.1230



77.1464, 83.4827, 100.8350

Triad

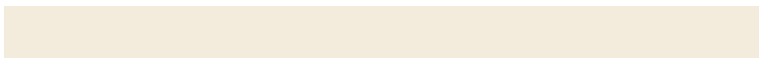
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8024, 83.4827, 96.1230



82.7455, 83.4827, 97.4121



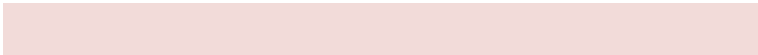
79.5973, 83.4827, 79.8844

Complementary

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



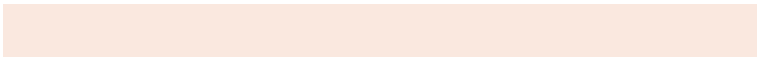
75.8024, 83.4827, 96.1230



74.4744, 74.5497, 76.1114

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.



81.5907, 83.4827, 81.6371



75.8024, 83.4827, 96.1230



83.4283, 83.4827, 91.6142

Square

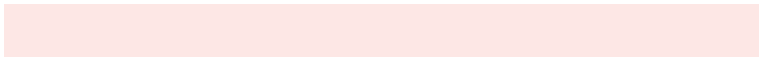
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8024, 83.4827, 96.1230



81.1517, 83.4827, 101.6020



83.0021, 83.4827, 85.8668



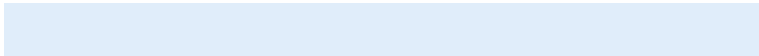
77.5709, 83.4827, 80.9744

Rectangle

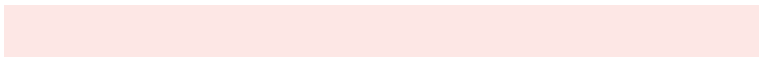
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8024, 83.4827, 96.1230



78.4093, 83.4827, 102.5571



83.0021, 83.4827, 85.8668



80.2938, 83.4827, 80.1587

Sweetspot

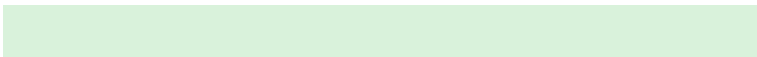
The Sweet Spot groups the original color and five complimentary colors.



75.8048, 83.4862, 96.1249



92.0967, 98.1887, 108.7060



73.1112, 83.3544, 79.0251



19.5476, 20.9149, 23.2567



0.0000, 0.0000, 0.0000



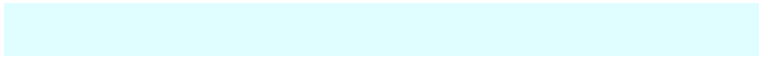
20.3446, 21.4041, 23.3091

Same Dimension

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



75.8048, 83.4862, 96.1249



83.8999, 93.1020, 108.1562



72.3413, 76.5592, 94.9703



16.1331, 17.7003, 20.2878



22.7862, 31.7966, 50.0643



1.9273, 2.7087, 4.1755

Inverse Universe

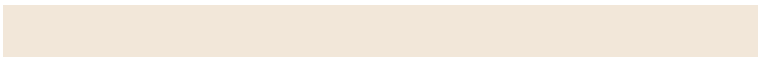
The Inverse Universe completely reimagines the original color for something new.



77.1609, 74.7959, 92.8124



85.6623, 81.8502, 103.8421



77.7663, 81.1336, 77.2087



16.3966, 16.0084, 19.6448



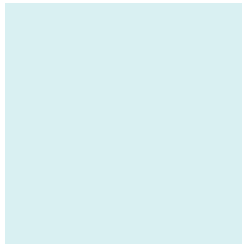
26.8270, 13.0032, 38.6013



2.2478, 1.0882, 3.2957

Previews

White Background



This preview shows how the XYZ color 75.8024, 83.4827, 96.1230 looks on a white background.

Color Contrast Check

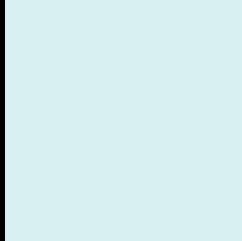
Large Text (above 18pt) WCAG AA × Fail

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 75.8024, 83.4827, 96.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

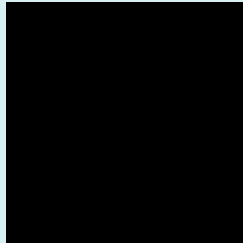
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8024, 83.4827, 96.1230

Background



This preview shows how black text looks on a background with the XYZ color 75.8024, 83.4827, 96.1230.



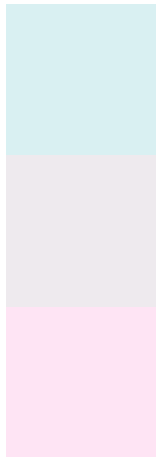
This preview shows how white text looks on a background with the XYZ color 75.8024, 83.4827,

96.1230.

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

75.8024, 83.4827, 96.1230

Protanopia

80.1153, 83.1958, 92.7248

Deuteranopia

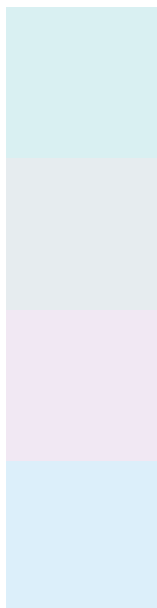
84.9456, 83.0893, 97.1487



Tritanopia

78.4433, 83.7412, 106.6370

Trichromacy



Original Color

75.8024, 83.4827, 96.1230

Protanomaly

78.2086, 83.0459, 93.5688

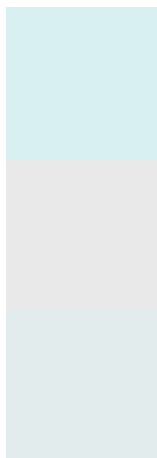
Deuteranomaly

81.3099, 82.8851, 96.5069

Tritanomaly

77.6370, 83.8508, 102.5354

Monochromacy



Original Color

75.8024, 83.4827, 96.1230

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8143, 82.3779, 91.2089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8024, 83.4827, 96.1230 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(217, 240, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 242)  
}
```

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(217, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.8024, 83.4827, 96.1230 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(217, 240, 242) }
```


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

```
.border{ border-color:rgb(217, 240, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8024, 83.4827, 96.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 242) }
```

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

```
.background{ background-color: rgb(217,  
240, 242) }
```

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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