

Converting Colors

XYZ(76.4165, 84.7403, 96.4486)

Have a look what the booklet for
XYZ(76.4165, 84.7403, 96.4486)
contains.

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Color

**XYZ(76.3944, 84.6668,
96.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F2F2
RGB	217, 242, 242
RGB Percent	85%, 95%, 95%
CMY	0.1490, 0.0510, 0.0510
CMYK	0.10, 0.00, 0.00, 0.05
HSL	180°, 49%, 90%
HSV	180°, 10%, 95%
XYZ	76.3944, 84.6668, 96.3203
YIQ	234.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

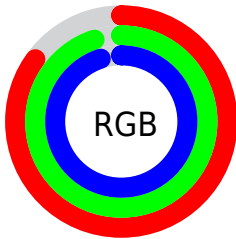
Format	Color
R _Y B	217, 230, 242
Decimal	14283506
CIE Lab	93.74, -8.13, -2.79
CIE LCh	94, 8.595, 198.914
Yxy	84.6668, 0.2968, 0.3290
Android (android.graphics.Color)	4292473586 (0xFFD9F2F2)
YUV	234.5250, 3.6852, -15.3694
Hunter-Lab	92.0146, -12.8272, 2.3458

Details

The XYZ color **76.3944, 84.6668, 96.3203** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9583, 73.5150, 75.9413**, and the grayscale version is **78.5877, 82.6803, 90.0389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3221, 46.3444, 53.2218** is the 20% darker color. If you saturate the color by 10%, you get **69.7222, 81.2295, 96.0070**, and if you desaturate by 10%, it is **84.1263, 88.6550, 96.6867**.

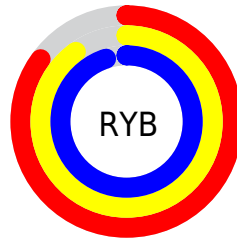
Distribution



Red (85%)

Green (95%)

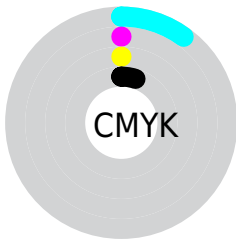
Blue (95%)



Red (85%)

Yellow (90%)

Blue (95%)

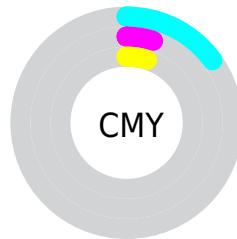


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (15%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3944, 84.6668, 96.3203 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 76.3944, 84.6668, 96.3203 by changing the saturation by 10% instead.

76.3944, 84.6668,
96.3203

76.3944, 84.6668,
96.3203

471.6204,
510.5249, 569.4751

57.0542, 63.5661,
72.6314

127.2616,
139.9076, 158.0986

41.2890, 46.2993,
53.1846

159.5194,
174.8164, 197.0251

28.7337, 32.4821,
37.5614

196.8136,
215.0967, 241.8679

19.0227, 21.7300,
25.3433

239.5098,
261.1330, 293.0456

11.7908, 13.6586,
16.1117

287.9732,
313.3095, 350.9766

6.6726, 7.8836,
9.4480

342.5692,

3.3027, 4.0206,

372.0108, 416.0795

4.9337

403.6631,
437.6211, 488.7728

■ 1.3158, 1.6851,
2.1504

■ 0.1950, 0.4140,
0.6455

■ 76.3944, 84.6668,
96.3203

■ 76.3944, 84.6668,
96.3203

■ 69.7222, 81.2295,
96.0070

■ 84.1263, 88.6550,
96.6867

■ 64.0566, 78.3088,
95.7391


■ 89.0220, 91.1788,
96.9186


■ 59.3510, 75.8831,
95.5161


■ 89.0226, 91.1790,
96.9214


■ 55.5523, 73.9249,
95.3356


■ 89.0231, 91.1792,
96.9242


 52.6021, 72.4040,
95.1947


 89.0236, 91.1794,
96.9270


 50.4353, 71.2871,
95.0906


 89.0242, 91.1796,
96.9298


 48.9773, 70.5355,
95.0195

 89.0247, 91.1798,
96.9326

 48.1393, 70.1035,
94.9775

 89.0252, 91.1800,
96.9354

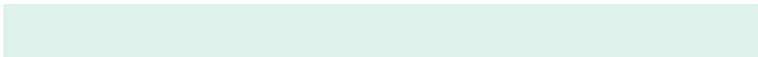
 47.7762, 69.9164,
94.9579

 89.0258, 91.1802,
96.9382

Harmonies

Analogous

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



76.2448, 84.6668, 89.7932



76.3944, 84.6668, 96.3203



77.6247, 84.6668, 101.9847

Triad

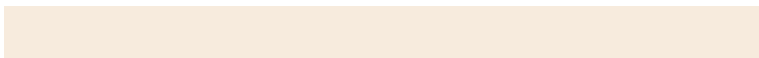
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3944, 84.6668, 96.3203



83.8251, 84.6668, 100.6929



81.3197, 84.6668, 80.4006

Complementary

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



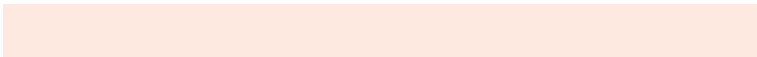
76.3944, 84.6668, 96.3203



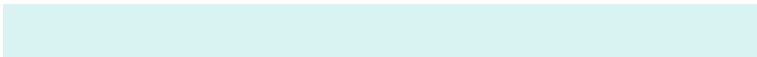
73.9583, 73.5150, 75.9413

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.



83.3907, 84.6668, 83.0392



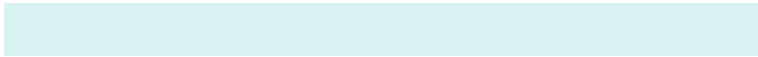
76.3944, 84.6668, 96.3203



84.8552, 84.6668, 94.6245

Square

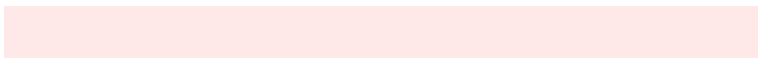
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3944, 84.6668, 96.3203



81.9036, 84.6668, 104.5904



84.6948, 84.6668, 88.1751



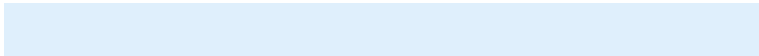
79.0597, 84.6668, 80.8065

Rectangle

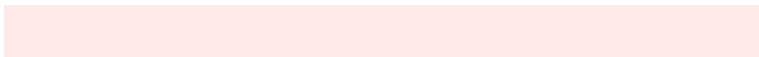
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



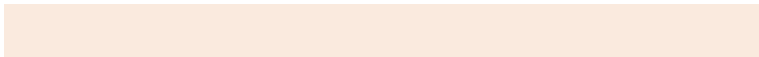
76.3944, 84.6668, 96.3203



78.9054, 84.6668, 104.4134



84.6948, 84.6668, 88.1751



82.0618, 84.6668, 80.9558

Sweetspot

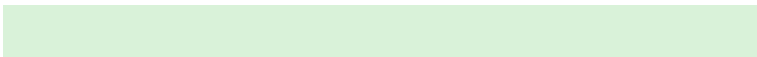
The Sweet Spot groups the original color and five complimentary colors.



76.3968, 84.6703, 96.3222



92.2911, 98.5778, 108.7699



73.0182, 83.3332, 77.8834



19.6003, 21.0204, 23.2740



0.0000, 0.0000, 0.0000



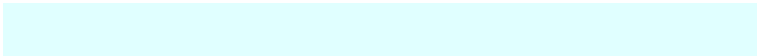
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3968, 84.6703, 96.3222



84.6739, 94.6510, 108.4106



72.9183, 77.7125, 95.1654



16.2473, 17.9290, 20.3254



25.6646, 37.5578, 51.0099



2.1351, 3.1245, 4.2437

Inverse Universe

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



73.9583, 73.5150, 75.9413



81.5128, 80.1904, 81.9911



77.1878, 79.9748, 77.0154



15.7730, 15.7589, 16.3607



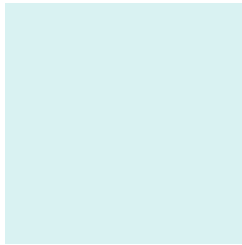
19.6716, 10.1411, 0.9214



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 76.3944, 84.6668, 96.3203 looks on a white background.

Color Contrast Check

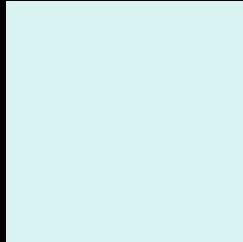
Large Text (above 18pt) WCAG AA × Fail

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 76.3944, 84.6668, 96.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

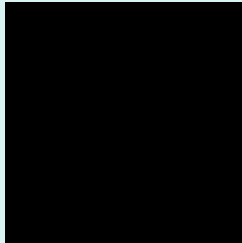
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

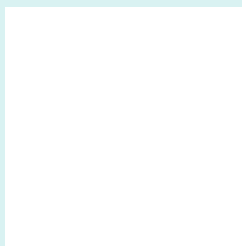
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3944, 84.6668, 96.3203

Background



This preview shows how black text looks on a background with the XYZ color 76.3944, 84.6668, 96.3203.



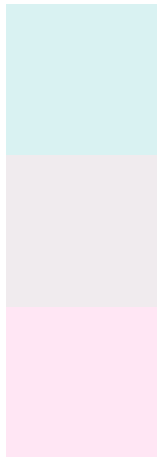
This preview shows how white text looks on a background with the XYZ color 76.3944, 84.6668,

96.3203.

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

76.3944, 84.6668, 96.3203

Protanopia

81.0761, 84.1150, 92.8516

Deuteranopia

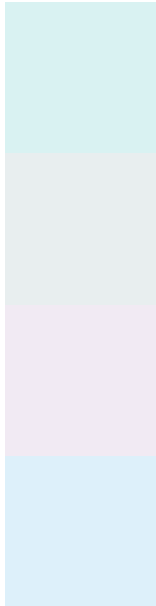
85.8659, 84.3853, 97.3503



Tritanopia

79.3479, 84.6410, 106.7630

Trichromacy



Original Color

76.3944, 84.6668, 96.3203

Protanomaly

79.4332, 84.5369, 93.7920

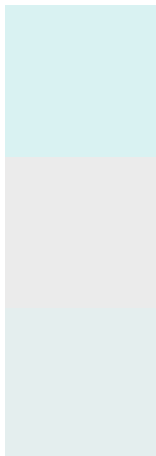
Deuteranomaly

81.8761, 84.0175, 96.6957

Tritanomaly

78.2342, 84.5945, 102.6475

Monochromacy



Original Color

76.3944, 84.6668, 96.3203

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0021, 83.8161, 92.9559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3944, 84.6668, 96.3203 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, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 242, 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, 242, 242) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 76.3944, 84.6668, 96.3203 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, 242, 242) }
```


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

```
.border{ border-color:rgb(217, 242, 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, 242, 242)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 76.3944, 84.6668, 96.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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