

Converting Colors

XYZ(73.5363, 80.9223, 96.6286)

Have a look what the booklet for
XYZ(73.5363, 80.9223, 96.6286)
contains.

XYZ(73.6132, 81.0365, 96.5558)	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(73.6132, 81.0365,
96.5558)**

Conversions

Conversions Part 1

Format	Color
Hex	D4EDF3
RGB	212, 237, 243
RGB Percent	83%, 93%, 95%
CMY	0.1686, 0.0706, 0.0471
CMYK	0.13, 0.02, 0.00, 0.05
HSL	192°, 56%, 89%
HSV	192°, 13%, 95%
XYZ	73.6132, 81.0365, 96.5558
YIQ	230.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

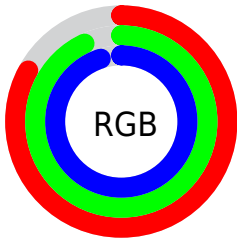
Format	Color
R _Y B	212, 226, 243
Decimal	13954547
CIE Lab	92.15, -6.98, -5.69
CIE LCh	92, 9.005, 219.157
Yxy	81.0365, 0.2930, 0.3226
Android (android.graphics.Color)	4292144627 (0xFFD4EDF3)
YUV	230.2090, 6.3060, -15.9693
Hunter-Lab	90.0203, -11.5689, -0.5803

Details

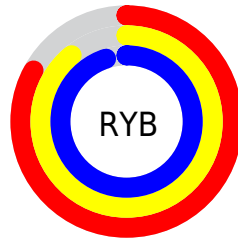
The XYZ color **73.6132, 81.0365, 96.5558** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9176, 73.9506, 72.6667**, and the grayscale version is **75.3341, 79.2574, 86.3113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3981, 43.8037, 53.3922** is the 20% darker color. If you saturate the color by 10%, you get **65.7860, 75.0096, 95.8063**, and if you desaturate by 10%, it is **82.5350, 87.6850, 97.3701**.

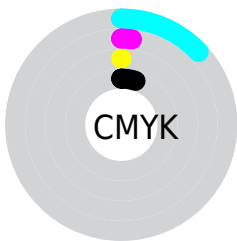
Distribution



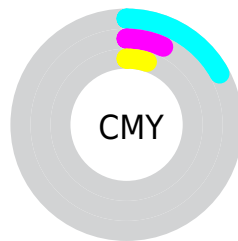
- Red (83%)
- Green (93%)
- Blue (95%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6132, 81.0365, 96.5558 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 73.6132, 81.0365, 96.5558 by changing the saturation by 10% instead.

73.6132, 81.0365,
96.5558

73.6132, 81.0365,
96.5558

462.2083,
498.4191, 570.2449

54.7677, 60.5717,
72.8265

123.3458,
134.8220, 158.4263

39.4489, 43.8796,
53.3432

154.9636,
168.9115, 197.4046

27.2914, 30.5758,
37.6872

191.5695,
208.3113, 242.3029

17.9299, 20.2761,
25.4401

233.5288,
253.4058, 293.5399

10.9990, 12.5959,
16.1832

281.2070,
304.5795, 351.5341

6.1335, 7.1509,
9.4981

334.9695,

2.9678, 3.5566,

362.2166, 416.7039

4.9663

395.1814,
426.7017, 489.4680

■ 1.1368, 1.4288,
2.1691

■ 0.0556, 0.2378,
0.6564

■ 73.6132, 81.0365,
96.5558

■ 73.6132, 81.0365,
96.5558

■ 65.7860, 75.0096,
95.8063

■ 82.5350, 87.6850,
97.3701

■ 58.9992, 69.5694,
95.1139

■ 90.4974, 93.8901,
98.1482

■ 53.2042, 64.6927,
94.4781

■ 91.9485, 96.7923,
98.6319

■ 48.3461, 60.3507,
93.8960

■ 93.1779, 99.2512,
99.0417

■ 44.3641, 56.5117,
93.3649

■ 41.1901, 53.1402,
92.8814

■ 38.7457, 50.1952,
92.4418

■ 36.9357, 47.6275,
92.0416

■ 35.9170, 45.9493,
91.7714

Harmonies

Analogous

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



72.6995, 81.0365, 90.2851



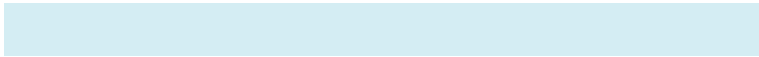
73.6132, 81.0365, 96.5558



75.4455, 81.0365, 100.7292

Triad

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



73.6132, 81.0365, 96.5558



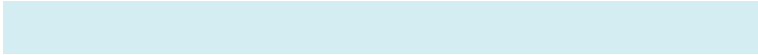
81.2700, 81.0365, 92.8619



76.3146, 81.0365, 76.2066

Complementary

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



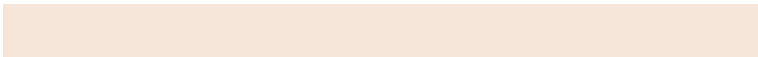
73.6132, 81.0365, 96.5558



73.9176, 73.9506, 72.6667

Split Complementary

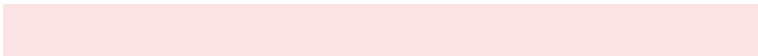
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6219, 81.0365, 76.8191



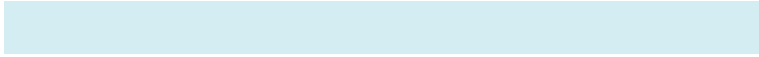
73.6132, 81.0365, 96.5558



81.5141, 81.0365, 86.2161

Square

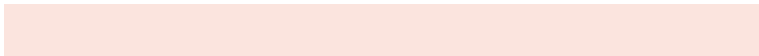
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6132, 81.0365, 96.5558



79.8758, 81.0365, 98.5233



80.5360, 81.0365, 80.4065



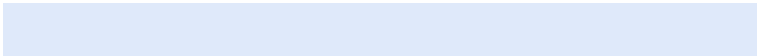
74.2384, 81.0365, 78.6891

Rectangle

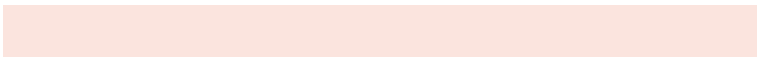
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6132, 81.0365, 96.5558



76.9571, 81.0365, 101.6442



80.5360, 81.0365, 80.4065



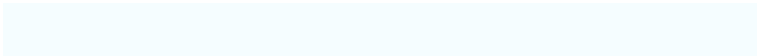
77.0884, 81.0365, 76.0602

Sweetspot

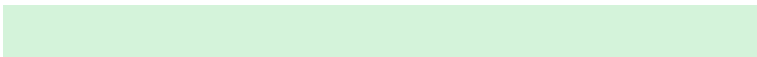
The Sweet Spot groups the original color and five complimentary colors.



73.6156, 81.0399, 96.5576



90.7702, 96.8641, 108.5203



71.8168, 83.1450, 78.3774



19.2612, 20.6094, 23.2128



0.0000, 0.0000, 0.0000



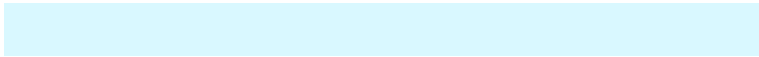
20.3446, 21.4041, 23.3091

Same Dimension

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



73.6156, 81.0399, 96.5576



80.0359, 88.8232, 107.5340



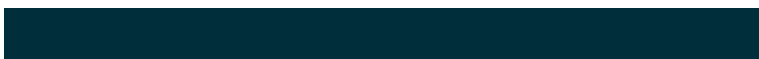
69.4030, 72.6147, 95.1534



16.7084, 18.1811, 21.1712



19.8079, 25.4095, 50.3986



1.8091, 2.3696, 4.4523

Inverse Universe

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



75.7935, 72.2577, 90.0771



82.8699, 77.5095, 99.0759



78.0380, 82.1912, 74.0402



17.0681, 16.7101, 20.1054



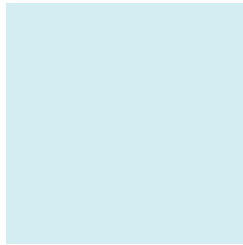
25.8026, 12.6645, 29.9986



2.3022, 1.1269, 2.8179

Previews

White Background



This preview shows how the XYZ color 73.6132, 81.0365, 96.5558 looks on a white background.

Color Contrast Check

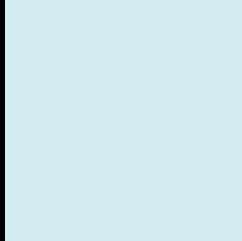
Large Text (above 18pt) WCAG AA × Fail

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 73.6132, 81.0365, 96.5558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

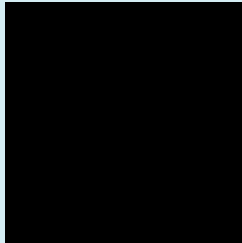
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6132, 81.0365, 96.5558

Background



This preview shows how black text looks on a background with the XYZ color 73.6132, 81.0365, 96.5558.

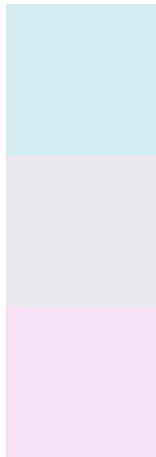


This preview shows how white text looks on a background with the XYZ color 73.6132, 81.0365,

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

73.6132, 81.0365, 96.5558

Protanopia

78.0876, 80.8762, 93.1564

Deuteranopia

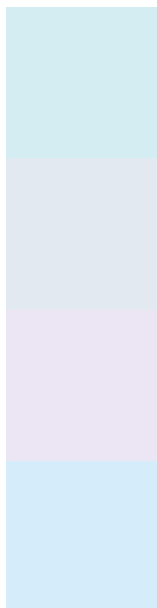
82.4736, 80.5827, 97.5934



Tritanopia

75.3293, 80.8686, 105.4048

Trichromacy



Original Color

73.6132, 81.0365, 96.5558

Protanomaly

76.2311, 80.7378, 94.0042

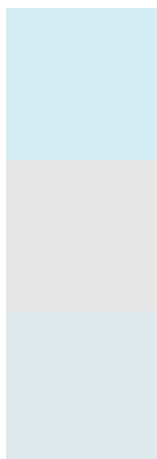
Deuteranomaly

78.9405, 80.4031, 96.9467

Tritanomaly

74.6913, 81.0392, 102.1479

Monochromacy



Original Color

73.6132, 81.0365, 96.5558

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.5657, 79.9640, 90.1018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6132, 81.0365, 96.5558 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(212, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 237, 243)  
}
```

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(212, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 237, 243) }
```

Border

The CSS property to change the border of an element to XYZ 73.6132, 81.0365, 96.5558 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(212, 237, 243) }
```


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

```
.border{ border-color:rgb(212, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 237,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6132, 81.0365, 96.5558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 237, 243) }
```

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

```
.background{ background-color: rgb(212,  
237, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor