

Converting Colors

XYZ(41.6031, 56.5125, 71.6661)

Have a look what the booklet for
XYZ(41.6031, 56.5125, 71.6661)
contains.

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Color

**XYZ(41.6031, 56.5125,
71.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	62D8D5
RGB	98, 216, 213
RGB Percent	38%, 85%, 84%
CMY	0.6157, 0.1529, 0.1647
CMYK	0.55, 0.00, 0.01, 0.15
HSL	178°, 60%, 62%
HSV	178°, 55%, 85%
XYZ	41.6031, 56.5125, 71.6661
YIQ	180.3760, -69.3650, -25.9490

Conversions

Conversions Part 2

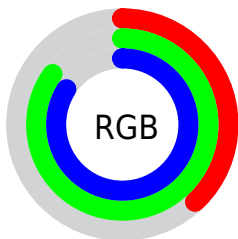
Format	Color
RYB	98, 158, 216
Decimal	6478037
CIELab	79.90, -33.75, -8.62
CIELCh	80, 34.831, 194.328
Yxy	56.5125, 0.2450, 0.3329
Android (android.graphics.Color)	4284668117 (0xFF62D8D5)
YUV	180.3760, 16.0836, -72.2438
Hunter-Lab	75.1748, -32.7707, -3.9004

Details

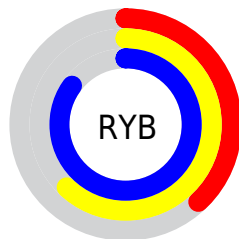
The XYZ color **41.6031, 56.5125, 71.6661** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.0374, 24.2756, 15.1528**, and the grayscale version is **43.5290, 45.7959, 49.8717**.

A 20% lighter version of the original color is **67.9106, 86.0091, 107.6299**, and **19.2257, 28.1178, 36.7617** is the 20% darker color. If you saturate the color by 10%, you get **39.5103, 55.4430, 71.2059**, and if you desaturate by 10%, it is **44.3282, 57.9106, 72.1597**.

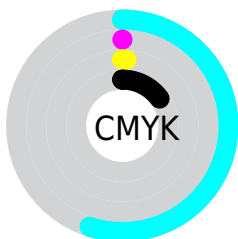
Distribution



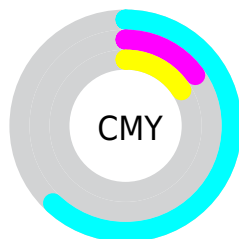
- Red (38%)
- Green (85%)
- Blue (84%)



- Red (38%)
- Yellow (62%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6031, 56.5125, 71.6661 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 41.6031, 56.5125, 71.6661 by changing the saturation by 10% instead.

41.6031, 56.5125,
71.6661

41.6031, 56.5125,
71.6661

343.8547,
411.6201, 485.3248

28.9804, 40.6140,
52.4008

76.8675, 99.7535,
123.2850

19.2102, 28.0176,
36.9402

100.2399,
127.8648, 156.4757

11.9272, 18.3389,
24.8658

127.9263,
160.8158, 195.1452

6.7659, 11.1936,
15.7590

160.2919,
198.9908, 239.7121

3.3612, 6.1972,
9.2012

197.7023,
242.7744, 290.5950

1.3475, 2.9654,
4.7741

240.5226,

0.2184, 1.1137,

292.5509, 348.2124

2.0589

289.1183,
348.7046, 412.9829

■ 0.0000, 0.0000,
0.5912

■ 0.0000, 0.0000,
0.0000

■ 41.6031, 56.5125,
71.6661

■ 41.6031, 56.5125,
71.6661

■ 39.5103, 55.4430,
71.2059

■ 44.3282, 57.9106,
72.1597

■ 37.9930, 54.6688,
70.7726


■ 47.7268, 59.6545,
72.6847


■ 36.9927, 54.1611,
70.3647


■ 51.8422, 61.7680,
73.2446


■ 36.4361, 53.8822,
69.9788


■ 56.7129, 64.2708,
73.8410


 36.2531, 53.7920,
69.7774

 62.3746, 67.1813,
74.4757

 68.8606, 70.5167,
75.1502

 76.2025, 74.2933,
75.8660

 78.3730, 75.4040,
76.3410

 78.4448, 75.4327,
76.7190

Harmonies

Analogous

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



41.6726, 56.5125, 51.6152



41.6031, 56.5125, 71.6661



44.5745, 56.5125, 92.8997

Triad

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



41.6031, 56.5125, 71.6661



63.7705, 56.5125, 93.7504



57.4651, 56.5125, 31.1732

Complementary

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



41.6031, 56.5125, 71.6661



35.0374, 24.2756, 15.1528

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.



64.0231, 56.5125, 38.1642



41.6031, 56.5125, 71.6661



67.8753, 56.5125, 72.6451

Square

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



41.6031, 56.5125, 71.6661



57.1441, 56.5125, 107.4199



67.9717, 56.5125, 52.4022



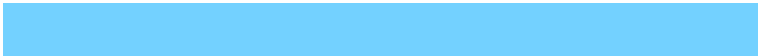
50.4229, 56.5125, 31.0235

Rectangle

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



41.6031, 56.5125, 71.6661



48.0436, 56.5125, 103.6538



67.9717, 56.5125, 52.4022



59.8126, 56.5125, 32.7186

Sweetspot

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



41.6048, 56.5147, 71.6674



81.4333, 92.9996, 107.3928



32.2342, 52.8167, 20.0523



17.1024, 19.7374, 22.9473



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.



41.6048, 56.5147, 71.6674



57.0307, 80.4791, 103.5623



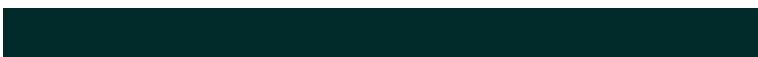
30.1667, 33.0230, 69.7522



12.7779, 14.1022, 15.9109



21.4638, 31.8409, 41.3336



1.2990, 1.9223, 2.5163

Inverse Universe

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



35.0374, 24.2756, 15.1528



46.5115, 28.7829, 12.9976



41.9277, 38.2872, 16.7369



12.4359, 12.4259, 12.9699



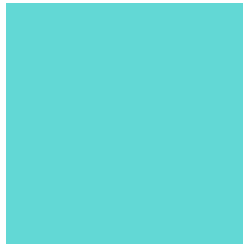
16.7857, 8.6506, 0.9098



1.0170, 0.5236, 0.0791

Previews

White Background



This preview shows how the XYZ color 41.6031, 56.5125, 71.6661 looks on a white background.

Color Contrast Check

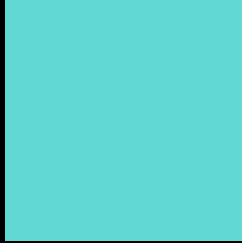
Large Text (above 18pt) WCAG AA × Fail

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 41.6031, 56.5125, 71.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

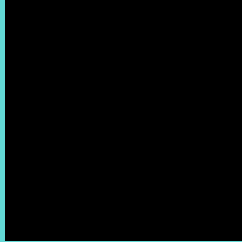
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

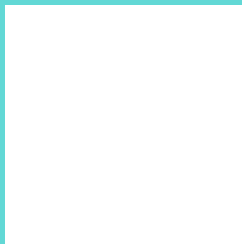
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6031, 56.5125, 71.6661

Background



This preview shows how black text looks on a background with the XYZ color 41.6031, 56.5125, 71.6661.

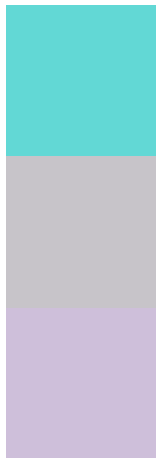


This preview shows how white text looks on a background with the XYZ color 41.6031, 56.5125,

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

41.6031, 56.5125, 71.6661

Protanopia

53.8357, 55.8390, 63.1989

Deuteranopia

56.7393, 55.4454, 74.0412



Tritanopia

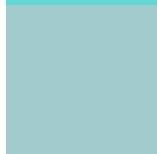
44.0438, 56.3613, 84.1588

Trichromacy



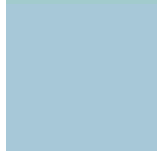
Original Color

41.6031, 56.5125, 71.6661



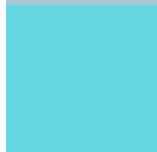
Protanomaly

47.2757, 54.8010, 65.8436



Deuteranomaly

48.9853, 54.4819, 72.9000



Tritanomaly

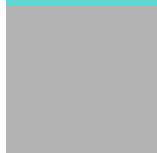
42.9806, 56.2997, 79.1226

Monochromacy



Original Color

41.6031, 56.5125, 71.6661



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.1621, 48.4297, 57.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6031, 56.5125, 71.6661 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(98, 216, 213)` looks like.

```
.text, #text, p{  
    color:rgb(98, 216, 213)  
}
```

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(98, 216, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 216, 213) }
```

Border

The CSS property to change the border of an element to XYZ 41.6031, 56.5125, 71.6661 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(98, 216, 213) }
```


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

```
.border{ border-color:rgb(98, 216, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 216, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 216, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 216, 213);  
box-shadow:4px 4px 4px 4px rgb(98, 216,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6031, 56.5125, 71.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 216, 213) }
```

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

```
.background{ background-color: rgb(98, 216,  
213) }
```

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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