

Converting Colors

XYZ(42.7813, 55.7310, 71.4541)

Have a look what the booklet for
XYZ(42.7813, 55.7310, 71.4541)
contains.

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Color

**XYZ(42.7562, 55.6041,
71.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	74D4D5
RGB	116, 212, 213
RGB Percent	45%, 83%, 84%
CMY	0.5451, 0.1686, 0.1647
CMYK	0.46, 0.00, 0.00, 0.16
HSL	181°, 54%, 65%
HSV	181°, 46%, 84%
XYZ	42.7562, 55.6041, 71.4300
YIQ	183.4100, -57.5370, -20.0410

Conversions

Conversions Part 2

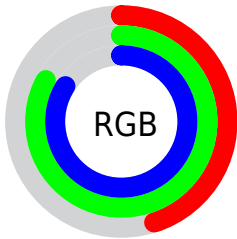
Format	Color
R _{YB}	116, 164, 213
Decimal	7656661
CIE Lab	79.39, -28.04, -9.32
CIE LCh	79, 29.553, 198.382
Yxy	55.6041, 0.2518, 0.3275
Android (android.graphics.Color)	4285846741 (0xFF74D4D5)
YUV	183.4100, 14.5879, -59.1186
Hunter-Lab	74.5682, -28.1452, -4.5971

Details

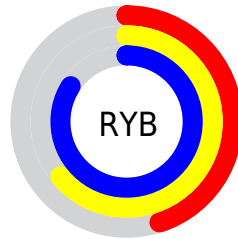
The XYZ color **42.7562, 55.6041, 71.4300** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.9552, 28.1305, 20.0063**, and the grayscale version is **45.1813, 47.5342, 51.7648**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **19.8594, 27.4233, 36.5943** is the 20% darker color. If you saturate the color by 10%, you get **40.1887, 54.2006, 71.2954**, and if you desaturate by 10%, it is **45.9762, 57.3467, 71.5976**.

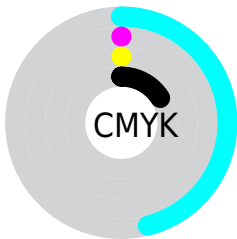
Distribution



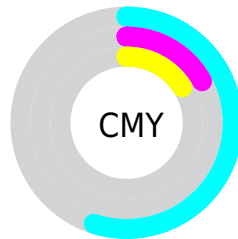
- Red (45%)
- Green (83%)
- Blue (84%)



- Red (45%)
- Yellow (64%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (55%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7562, 55.6041, 71.4300 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 42.7562, 55.6041, 71.4300 by changing the saturation by 10% instead.

■ 42.7562, 55.6041,
71.4300

■ 42.7562, 55.6041,
71.4300

348.5467,
408.1978, 484.4793

■ 29.8876, 39.8856,
52.2092

■ 78.6008, 98.4255,
122.9460

■ 19.9009, 27.4494,
36.7885

■ 102.3075,
126.2972, 156.0782

■ 12.4309, 17.9110,
24.7492

■ 130.3577,
158.9887, 194.6847

■ 7.1121, 10.8861,
15.6730

163.1165,
196.8845, 239.1839

■ 3.5793, 5.9903,
9.1412

200.9495,
240.3689, 289.9944

■ 1.4670, 2.8392,
4.7353

244.2220,

■ 0.3032, 1.0484,

289.8263, 347.5348

2.0368

293.2993,
345.6411, 412.2236

■ 0.0000, 0.0000,
0.5778

■ 0.0000, 0.0000,
0.0000

■ 42.7562, 55.6041,
71.4300

■ 42.7562, 55.6041,
71.4300

■ 40.1887, 54.2006,
71.2954

■ 45.9762, 57.3467,
71.5976

■ 38.2238, 53.1064,
71.1878


■ 49.8843, 59.4430,
71.7963


■ 36.8123, 52.2978,
71.1061


■ 54.5197, 61.9142,
72.0289


■ 35.8955, 51.7442,
71.0475


■ 59.9171, 64.7783,
72.2973


 35.4008, 51.4083,
71.0088


 66.1088, 68.0521,
72.6029

 35.2576, 51.2985,
70.9951

 73.1255, 71.7513,
72.9470

 77.1801, 73.9235,
73.1526

 77.2355, 74.0342,
73.1711

 77.2909, 74.1451,
73.1896

Harmonies

Analogous

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



42.4548, 55.6041, 54.2055



42.7562, 55.6041, 71.4300



45.6367, 55.6041, 88.3677

Triad

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



42.7562, 55.6041, 71.4300



61.8357, 55.6041, 84.9103



55.1785, 55.6041, 33.8710

Complementary

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



42.7562, 55.6041, 71.4300



36.9552, 28.1305, 20.0063

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.



60.7860, 55.6041, 39.2747



42.7562, 55.6041, 71.4300



64.8171, 55.6041, 67.3570

Square

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



42.7562, 55.6041, 71.4300



56.5259, 55.6041, 97.0978



64.4192, 55.6041, 50.8233



49.3371, 55.6041, 34.5522

Rectangle

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



42.7562, 55.6041, 71.4300



48.7617, 55.6041, 96.2366



64.4192, 55.6041, 50.8233



57.1608, 55.6041, 34.9878

Sweetspot

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



42.7579, 55.6063, 71.4313



82.9967, 93.6125, 108.3024



34.1503, 52.5636, 24.8702



17.4117, 19.8492, 23.1635



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.



42.7579, 55.6063, 71.4313



60.3888, 81.4508, 107.1465



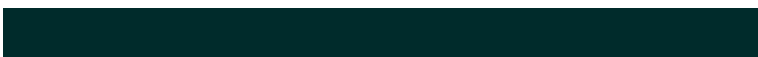
32.5791, 35.2488, 68.0384



12.7808, 14.0849, 15.9826



21.5416, 31.3449, 43.3680



1.3029, 1.8978, 2.6169

Inverse Universe

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



45.5710, 31.3918, 65.9471



65.1608, 40.5919, 97.7952



43.9593, 42.1387, 22.3410



12.9473, 12.6304, 15.6626



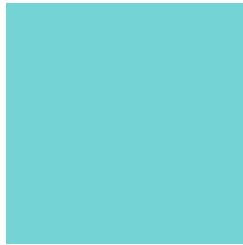
23.9320, 11.5091, 38.5417



1.4453, 0.6949, 2.3342

Previews

White Background



This preview shows how the XYZ color 42.7562, 55.6041, 71.4300 looks on a white background.

Color Contrast Check

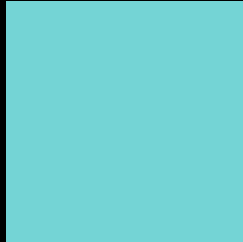
Large Text (above 18pt) WCAG AA × Fail

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 42.7562, 55.6041, 71.4300 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 42.7562, 55.6041, 71.4300

Background



This preview shows how black text looks on a background with the XYZ color 42.7562, 55.6041, 71.4300.



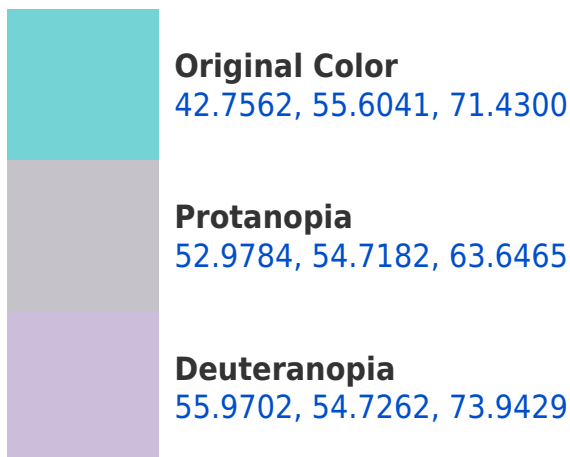
This preview shows how white text looks on a background with the XYZ color 42.7562, 55.6041,

71.4300.

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

44.6575, 55.6323, 81.0575

Trichromacy



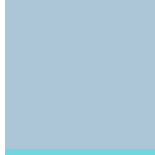
Original Color

42.7562, 55.6041, 71.4300



Protanomaly

48.1757, 54.5544, 66.3834



Deuteranomaly

49.6020, 54.1167, 72.7970



Tritanomaly

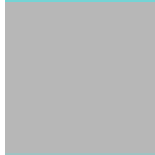
44.0868, 55.7844, 77.5511

Monochromacy



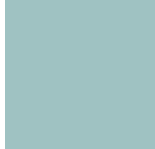
Original Color

42.7562, 55.6041, 71.4300



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

43.3275, 49.8495, 58.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7562, 55.6041, 71.4300 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(116, 212, 213)` looks like.

```
.text, #text, p{  
    color:rgb(116, 212, 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(116, 212, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 212, 213) }
```

Border

The CSS property to change the border of an element to XYZ 42.7562, 55.6041, 71.4300 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(116, 212, 213) }
```


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

```
.border{ border-color:rgb(116, 212, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 212, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 212, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 212, 213);  
box-shadow:4px 4px 4px 4px rgb(116, 212,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7562, 55.6041, 71.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 212, 213) }
```

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

```
.background{ background-color: rgb(116,  
212, 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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