

Converting Colors

XYZ(43.1987, 58.7060, 71.2812)

Have a look what the booklet for
XYZ(43.1987, 58.7060, 71.2812)
contains.

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Color

**XYZ(43.3026, 58.9431,
71.3822)**

Conversions

Conversions Part 1

Format	Color
Hex	69DCD4
RGB	105, 220, 212
RGB Percent	41%, 86%, 83%
CMY	0.5882, 0.1372, 0.1686
CMYK	0.52, 0.00, 0.04, 0.14
HSL	176°, 62%, 64%
HSV	176°, 52%, 86%
XYZ	43.3026, 58.9431, 71.3822
YIQ	184.7030, -65.9720, -26.8680

Conversions

Conversions Part 2

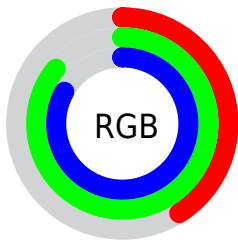
Format	Color
RYB	105, 165, 220
Decimal	6937812
CIELab	81.26, -34.49, -6.05
CIELCh	81, 35.017, 189.953
Yxy	58.9431, 0.2494, 0.3395
Android (android.graphics.Color)	4285127892 (0xFF69DCD4)
YUV	184.7030, 13.4574, -69.8995
Hunter-Lab	76.7744, -33.6770, -1.3837

Details

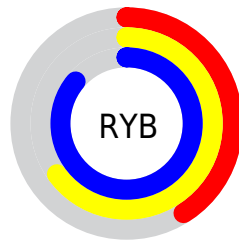
The XYZ color **43.3026, 58.9431, 71.3822** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **37.5495, 26.5129, 18.7634**, and the grayscale version is **45.9046, 48.2953, 52.5935**.

A 20% lighter version of the original color is **69.1198, 86.6325, 107.6865**, and **20.1242, 29.3786, 36.5083** is the 20% darker color. If you saturate the color by 10%, you get **40.8535, 57.7041, 70.2655**, and if you desaturate by 10%, it is **46.4253, 60.5319, 72.5426**.

Distribution



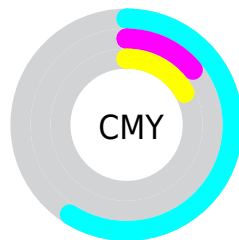
- Red (41%)
- Green (86%)
- Blue (83%)



- Red (41%)
- Yellow (65%)
- Blue (86%)



- Cyan (52%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (59%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3026, 58.9431, 71.3822 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 43.3026, 58.9431, 71.3822 by changing the saturation by 10% instead.


 43.3026, 58.9431,
71.3822


 43.3026, 58.9431,
71.3822


350.7552,
420.6910, 484.3080


 30.3182, 42.5673,
52.1704


 79.4202, 103.2950,
122.8773

 20.2295, 29.5458,
36.7577


 103.2840,
132.0398, 155.9977

 12.6712, 19.4941,
24.7257


 131.5050,
165.6765, 194.5914

 7.2780, 12.0278,
15.6556

164.4486,
204.5894, 239.0769

 3.6844, 6.7626,
9.1291

202.4800,
249.1629, 289.8728

 1.5252, 3.3141,
4.7275

245.9647,

 0.3429, 1.2978,

299.7814, 347.3976

2.0324

295.2680,
356.8293, 412.0698

■ 0.0000, 0.1395,
0.5751

■ 0.0000, 0.0000,
0.0000

■ 43.3026, 58.9431,
71.3822

■ 43.3026, 58.9431,
71.3822

■ 40.8535, 57.7041,
70.2655

■ 46.4253, 60.5319,
72.5426

■ 39.0201, 56.7810,
69.1858


■ 50.2636, 62.4879,
73.7448


■ 37.7436, 56.1447,
68.1417


■ 54.8618, 64.8356,
74.9922


■ 36.9511, 55.7578,
67.1297


■ 60.2595, 67.5951,
76.2866


 36.5768, 55.5813,
66.3651

 66.4933, 70.7855,
77.6298

 73.5978, 74.4245,
79.0235

 80.1154, 77.7607,
80.3994

 80.3224, 77.8436,
81.4897

 80.5313, 77.9271,
82.5898

Harmonies

Analogous

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



43.8432, 58.9431, 51.3599



43.3026, 58.9431, 71.3822



45.9363, 58.9431, 93.6147

Triad

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



43.3026, 58.9431, 71.3822



65.5310, 58.9431, 100.1966



60.9751, 58.9431, 33.3339

Complementary

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



43.3026, 58.9431, 71.3822



37.5495, 26.5129, 18.7634

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.



67.4891, 58.9431, 41.6678



43.3026, 58.9431, 71.3822



70.2737, 58.9431, 78.9712

Square

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



43.3026, 58.9431, 71.3822



58.4854, 58.9431, 112.4833



71.0199, 58.9431, 57.4775



53.6320, 58.9431, 32.1648

Rectangle

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



43.3026, 58.9431, 71.3822



49.2842, 58.9431, 105.6520



71.0199, 58.9431, 57.4775



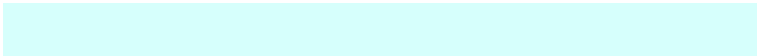
63.3510, 58.9431, 35.2880

Sweetspot

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



43.3043, 58.9454, 71.3836



81.1462, 92.8847, 105.8810



35.1605, 55.8253, 22.2883



17.0332, 19.7096, 22.5825



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.



43.3043, 58.9454, 71.3836



56.7141, 80.4390, 97.9829



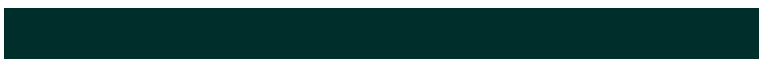
33.5143, 37.7095, 73.2249



13.4037, 14.8131, 16.5889



21.4829, 32.6258, 39.0381



1.4038, 2.1185, 2.5922

Inverse Universe

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



37.5495, 26.5129, 18.7634



47.8510, 30.3586, 16.8453



43.4447, 38.9930, 18.6027



13.0926, 13.0661, 13.7489



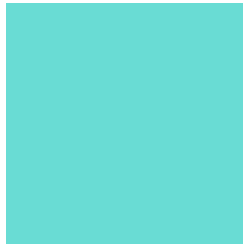
17.3889, 8.9566, 1.1622



1.1397, 0.5855, 0.1447

Previews

White Background



This preview shows how the XYZ color 43.3026, 58.9431, 71.3822 looks on a white background.

Color Contrast Check

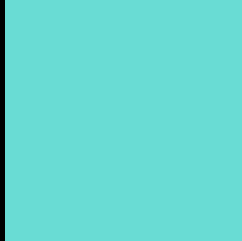
Large Text (above 18pt) WCAG AA × Fail

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 43.3026, 58.9431, 71.3822 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

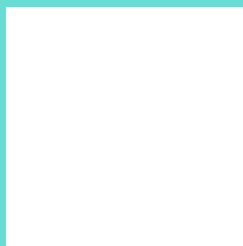
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3026, 58.9431, 71.3822

Background



This preview shows how black text looks on a background with the XYZ color 43.3026, 58.9431, 71.3822.

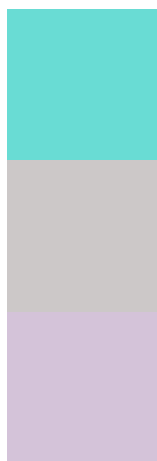


This preview shows how white text looks on a background with the XYZ color 43.3026, 58.9431,

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

43.3026, 58.9431, 71.3822

Protanopia

55.9814, 58.3161, 62.9492

Deuteranopia

59.1909, 58.0370, 73.7282



Tritanopia

46.4742, 59.0769, 86.7954

Trichromacy



Original Color

43.3026, 58.9431, 71.3822



Protanomaly

49.3604, 57.3101, 65.5871



Deuteranomaly

51.0922, 56.9763, 72.5947



Tritanomaly

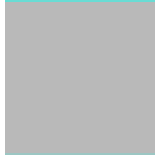
45.2293, 58.9488, 80.9459

Monochromacy



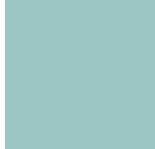
Original Color

43.3026, 58.9431, 71.3822



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

43.7547, 51.3962, 59.2441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3026, 58.9431, 71.3822 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(105, 220, 212)` looks like.

```
.text, #text, p{  
    color:rgb(105, 220, 212)  
}
```

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(105, 220, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 220, 212) }
```

Border

The CSS property to change the border of an element to XYZ 43.3026, 58.9431, 71.3822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

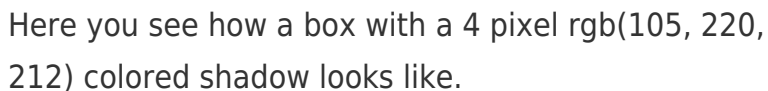
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 220, 212) }
```


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

```
.border{ border-color:rgb(105, 220, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 220, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 220, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 220, 212); box-shadow:4px 4px 4px 4px rgb(105, 220, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3026, 58.9431, 71.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 220, 212) }
```

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

```
.background{ background-color: rgb(105,  
220, 212) }
```

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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