

Converting Colors

XYZ(42.9803, 60.3396, 72.3322)

Have a look what the booklet for
XYZ(42.9803, 60.3396, 72.3322)
contains.

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Color

**XYZ(42.9803, 60.3396,
72.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE0D5
RGB	91, 224, 213
RGB Percent	36%, 88%, 84%
CMY	0.6431, 0.1216, 0.1647
CMYK	0.59, 0.00, 0.05, 0.12
HSL	175°, 68%, 62%
HSV	175°, 59%, 88%
XYZ	42.9803, 60.3396, 72.3322
YIQ	182.9790, -75.7370, -31.6170

Conversions

Conversions Part 2

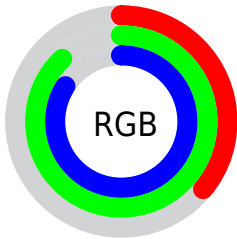
Format	Color
RYB	91, 160, 224
Decimal	6021333
CIELab	82.02, -38.73, -5.51
CIElCh	82, 39.122, 188.091
Yxy	60.3396, 0.2447, 0.3435
Android (android.graphics.Color)	4284211413 (0xFF5BE0D5)
YUV	182.9790, 14.8004, -80.6656
Hunter-Lab	77.6786, -37.1717, -0.8343

Details

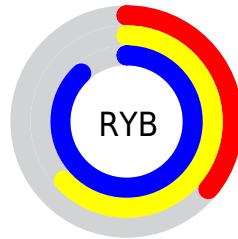
The XYZ color **42.9803, 60.3396, 72.3322** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.8819, 24.2906, 15.3171**, and the grayscale version is **44.9512, 47.2921, 51.5011**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **20.1742, 30.4739, 37.1665** is the 20% darker color. If you saturate the color by 10%, you get **40.8595, 59.2747, 71.0134**, and if you desaturate by 10%, it is **45.7662, 61.7498, 73.6989**.

Distribution



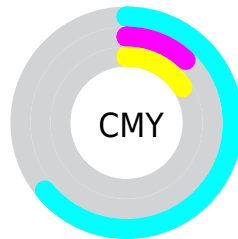
- Red (36%)
- Green (88%)
- Blue (84%)



- Red (36%)
- Yellow (63%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9803, 60.3396, 72.3322 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 42.9803, 60.3396, 72.3322 by changing the saturation by 10% instead.

42.9803, 60.3396,
72.3322

42.9803, 60.3396,
72.3322

349.4536,
425.8484, 487.7056

30.0641, 43.6924,
52.9416

78.9370, 105.3221,
124.2408

20.0356, 30.4288,
37.3687

102.7083,
134.4263, 157.5959

12.5293, 20.1643,
25.1951

130.8286,
168.4516, 196.4429

7.1800, 12.5145,
16.0021

163.6633,
207.7823, 241.2004

3.6223, 7.0951,
9.3713

201.5779,
252.8030, 292.2869

1.4907, 3.5216,
4.8840

244.9375,

0.3195, 1.4098,

303.8980, 350.1209

2.1218

294.1076,
361.4516, 415.1209

■ 0.0000, 0.2239,
0.6287

■ 0.0000, 0.0000,
0.0000

■ 42.9803, 60.3396,
72.3322

■ 42.9803, 60.3396,
72.3322

■ 40.8595, 59.2747,
71.0134

■ 45.7662, 61.7498,
73.6989

■ 39.3379, 58.5170,
69.7352


■ 49.2650, 63.5259,
75.1117


■ 38.3454, 58.0318,
68.4957


■ 53.5264, 65.6948,
76.5743


■ 37.7650, 57.7587,
67.2895


■ 58.5939, 68.2789,
78.0888


 37.7333, 57.7440,
67.2145

 64.5080, 71.2992,
79.6571

 71.3062, 74.7749,
81.2810

 79.0240, 78.7243,
82.9623

 81.8761, 80.1651,
84.4303

 82.1345, 80.2684,
85.7912

Harmonies

Analogous

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



43.8040, 60.3396, 50.1032



42.9803, 60.3396, 72.3322



45.7043, 60.3396, 98.0566

Triad

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



42.9803, 60.3396, 72.3322



67.7509, 60.3396, 108.5475



63.5032, 60.3396, 31.8099

Complementary

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



42.9803, 60.3396, 72.3322



36.8819, 24.2906, 15.3171

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.



70.8251, 60.3396, 41.3813



42.9803, 60.3396, 72.3322



73.4374, 60.3396, 84.2370

Square

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



42.9803, 60.3396, 72.3322



59.6224, 60.3396, 122.0135



74.6134, 60.3396, 59.4853



55.1380, 60.3396, 30.0900

Rectangle

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



42.9803, 60.3396, 72.3322



49.3356, 60.3396, 112.5391



74.6134, 60.3396, 59.4853



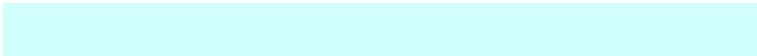
66.1906, 60.3396, 34.0813

Sweetspot

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



42.9821, 60.3419, 72.3336



79.5274, 92.0677, 105.0139



34.0348, 56.8987, 19.0876



16.5622, 19.4716, 22.3477



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.



42.9821, 60.3419, 72.3336



54.3118, 79.2665, 94.8933



31.8815, 35.8293, 75.7591



14.0651, 15.5518, 17.3780



21.9834, 33.6182, 39.2313



1.5384, 2.3361, 2.7965

Inverse Universe

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



36.8819, 24.2906, 15.3171



45.4856, 26.8709, 12.2244



42.9742, 37.2914, 14.8319



13.7530, 13.7188, 14.4696



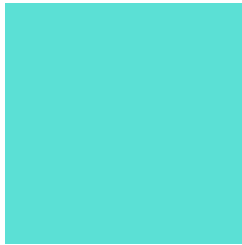
17.9763, 9.2575, 1.2749



1.2622, 0.6482, 0.1737

Previews

White Background



This preview shows how the XYZ color 42.9803, 60.3396, 72.3322 looks on a white background.

Color Contrast Check

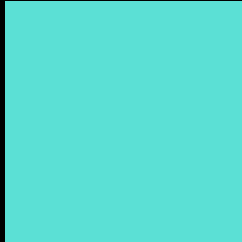
Large Text (above 18pt) WCAG AA × Fail

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 42.9803, 60.3396, 72.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

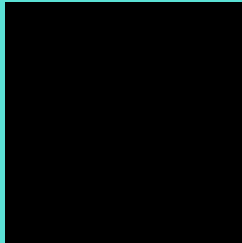
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

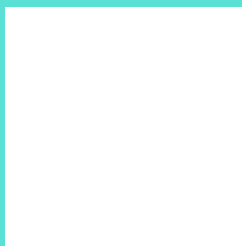
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9803, 60.3396, 72.3322

Background



This preview shows how black text looks on a background with the XYZ color 42.9803, 60.3396, 72.3322.

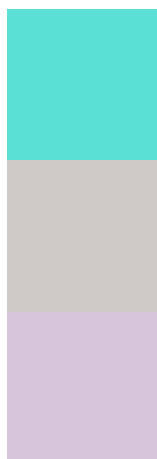


This preview shows how white text looks on a background with the XYZ color 42.9803, 60.3396,

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

42.9803, 60.3396, 72.3322

Protanopia

57.2780, 59.6766, 63.1434

Deuteranopia

60.7768, 59.4941, 75.2981



Tritanopia

46.3926, 60.1261, 90.0493

Trichromacy



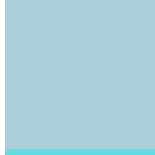
Original Color

42.9803, 60.3396, 72.3322



Protanomaly

49.5831, 58.5003, 66.4360



Deuteranomaly

51.4148, 58.1814, 74.1659



Tritanomaly

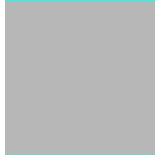
44.9291, 59.9114, 83.3248

Monochromacy



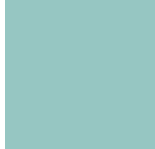
Original Color

42.9803, 60.3396, 72.3322



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.5094, 50.7672, 58.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9803, 60.3396, 72.3322 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(91, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(91, 224, 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(91, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 224, 213) }
```

Border

The CSS property to change the border of an element to XYZ 42.9803, 60.3396, 72.3322 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(91, 224, 213) }
```


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

```
.border{ border-color:rgb(91, 224, 213) }
```

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

Here you see how a box with a 4 pixel rgb(91, 224, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(91, 224,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9803, 60.3396, 72.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 224, 213) }
```

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

```
.background{ background-color: rgb(91, 224,  
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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