

Converting Colors

XYZ(3.8756, 14.0029, 50.5258)

Have a look what the booklet for
XYZ(3.8756, 14.0029, 50.5258)
contains.

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Color

**XYZ(17.9895, 21.2824,
51.3039)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0088BD |
| RGB | 0, 136, 189 |
| RGB Percent | 0%, 53%, 74% |
| CMY | 0.9998, 0.4667, 0.2588 |
| CMYK | 1.00, 0.28, 0.00, 0.26 |
| HSL | 197°, 100%, 37% |
| HSV | 197°, 100%, 74% |
| XYZ | 17.9895, 21.2824, 51.3039 |
| YIQ | 101.3780, -98.0690, -12.3490 |

Conversions

Conversions Part 2

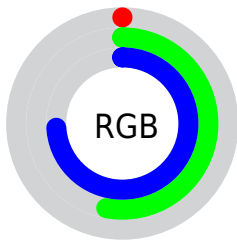
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 0, 79, 189 |
| Decimal | 35005 |
| CIE _{Lab} | 53.26, -11.45, -36.22 |
| CIE _{LCh} | 53, 37.987, 252.463 |
| Yxy | 21.2824, 0.1986, 0.2350 |
| Android (android.graphics.Color) | 4278225085 (0xFF0088BD) |
| YUV | 101.3780, 43.1976, -88.9085 |
| Hunter-Lab | 46.1329, -11.1264, -33.6428 |

Details

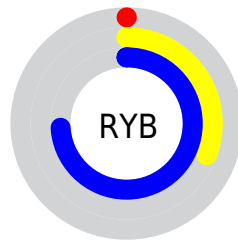
The XYZ color **17.9895, 21.2824, 51.3039** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **22.2618, 13.3692, 1.4085**, and the grayscale version is **12.3809, 13.0256, 14.1849**.

A 20% lighter version of the original color is **39.5515, 45.4819, 93.8831**, and **7.7010, 8.4048, 24.1381** is the 20% darker color. If you saturate the color by 10%, you get **17.9880, 21.2793, 51.3038**, and if you desaturate by 10%, it is **19.0224, 22.9511, 51.5720**.

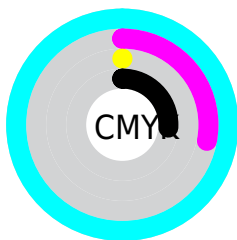
Distribution



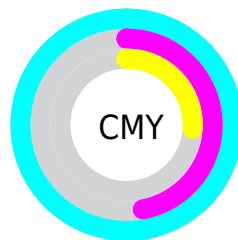
- Red (0%)
- Green (53%)
- Blue (74%)



- Red (0%)
- Yellow (31%)
- Blue (74%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9895, 21.2824, 51.3039 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 17.9895, 21.2824, 51.3039 by changing the saturation by 10% instead.

■ 17.9895, 21.2824,
51.3039

■ 17.9895, 21.2824,
51.3039

■ 233.8586,
258.7755, 408.6236

■ 11.0421, 13.3306,
36.0721

■ 39.5497, 45.5571,
93.5199

■ 6.1627, 7.6566,
24.1998

■ 54.8931, 62.6487,
121.3412

■ 2.9858, 3.8760,
15.2683

■ 73.7660, 83.5557,
154.1962

■ 1.1463, 1.6044,
8.8592

■ 96.5336, 108.6625,
192.5032

■ 0.0633, 0.3606,
4.5539

■ 123.5613,
138.3535, 236.6809

■ 0.0000, 0.0000,
1.9339

■ 155.2144,

■ 0.0000, 0.0000,

173.0131, 287.1479

0.5142

191.8584,
213.0256, 344.3226

■ 0.0000, 0.0000,
0.0000

■ 17.9895, 21.2824,
51.3039

■ 17.9895, 21.2824,
51.3039

■ 17.9880, 21.2793,
51.3038

■ 19.0224, 22.9511,
51.5720

■ 20.3512, 24.8276,
51.8642

■ 22.0710, 26.9621,
52.1855

■ 24.2296, 29.3799,
52.5384

■ 26.8674, 32.1025,
52.9249

■ 30.0201, 35.1490,
53.3468

■ 33.7197, 38.5367,
53.8057

■ 37.9957, 42.2815,
54.3031

■ 42.8751, 46.3978,
54.8405

Harmonies

Analogous

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



15.0496, 21.2824, 41.5394



17.9895, 21.2824, 51.3039



21.9409, 21.2824, 52.1696

Triad

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



17.9895, 21.2824, 51.3039



28.7441, 21.2824, 18.7204



15.4501, 21.2824, 10.3873

Complementary

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



17.9895, 21.2824, 51.3039



22.2618, 13.3692, 1.4085

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.



18.6072, 21.2824, 7.5918



17.9895, 21.2824, 51.3039



26.4765, 21.2824, 11.2195

Square

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



17.9895, 21.2824, 51.3039



28.5210, 21.2824, 30.4961



22.6455, 21.2824, 7.8352



13.7224, 21.2824, 17.1273

Rectangle

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



17.9895, 21.2824, 51.3039



24.6627, 21.2824, 47.2893



22.6455, 21.2824, 7.8352



16.3601, 21.2824, 9.0736

Sweetspot

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



17.9903, 21.2831, 51.3044



60.0338, 68.6983, 96.3222



18.7834, 36.6299, 9.1471



12.2875, 14.2096, 20.6377



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



17.9903, 21.2831, 51.3044



32.0031, 37.6848, 91.8134



10.0916, 5.4858, 48.6716



9.5762, 10.3448, 12.1642



12.1699, 14.4515, 34.5409



0.5293, 0.6713, 1.3705

Inverse Universe

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



25.4310, 12.5975, 24.3842



45.4365, 22.5165, 43.0968



31.0985, 31.0426, 4.3540



9.8127, 9.6494, 11.4027



17.1436, 8.4886, 16.5815



0.6981, 0.3431, 0.7894

Previews

White Background



This preview shows how the XYZ color 17.9895, 21.2824, 51.3039 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9895, 21.2824, 51.3039 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 × Fail

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

XYZ 17.9895, 21.2824, 51.3039

Background



This preview shows how black text looks on a background with the XYZ color 17.9895, 21.2824, 51.3039.

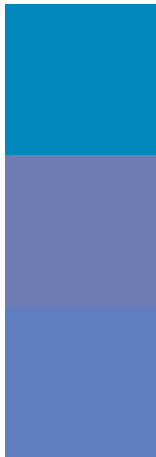


This preview shows how white text looks on a background with the XYZ color 17.9895, 21.2824,

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

17.9895, 21.2824, 51.3039

Protanopia

21.8785, 21.2137, 46.1216

Deuteranopia

21.6887, 21.1701, 52.2333



Tritanopia

15.1108, 21.2841, 32.5900

Trichromacy



Original Color

17.9895, 21.2824, 51.3039

Protanomaly

18.8517, 20.3846, 47.7408

Deuteranomaly

19.2014, 20.6751, 51.6939

Tritanomaly

16.0242, 21.1819, 38.8413

Monochromacy



Original Color

17.9895, 21.2824, 51.3039

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.3653, 14.8181, 24.3988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9895, 21.2824, 51.3039 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(0, 136, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 136, 189)  
}
```

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(0, 136, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 136, 189) }
```

Border

The CSS property to change the border of an element to XYZ 17.9895, 21.2824, 51.3039 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(0, 136, 189) }
```


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

```
.border{ border-color:rgb(0, 136, 189) }
```

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

Here you see how a box with a 4 pixel rgb(0, 136, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 136, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 136, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 136,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9895, 21.2824, 51.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 136, 189) }
```

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

```
.background{ background-color: rgb(0, 136,  
189) }
```

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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