

Converting Colors

XYZ(10.1100, 17.7893, 52.7544)

Have a look what the booklet for
XYZ(10.1100, 17.7893, 52.7544)
contains.

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Color

**XYZ(18.7470, 22.2710,
53.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	008BC0
RGB	0, 139, 192
RGB Percent	0%, 55%, 75%
CMY	0.9999, 0.4549, 0.2471
CMYK	1.00, 0.28, 0.00, 0.25
HSL	197°, 100%, 38%
HSV	197°, 100%, 75%
XYZ	18.7470, 22.2710, 53.1798
YIQ	103.4810, -99.8570, -12.9850

Conversions

Conversions Part 2

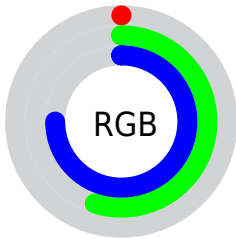
Format	Color
RYB	0, 81, 192
Decimal	35776
CIELab	54.31, -12.02, -36.27
CIELCh	54, 38.215, 251.660
Yxy	22.2710, 0.1990, 0.2364
Android (android.graphics.Color)	4278225856 (0xFF008BC0)
YUV	103.4810, 43.6399, -90.7528
Hunter-Lab	47.1922, -11.6775, -33.7781

Details

The XYZ color **18.7470, 22.2710, 53.1798** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **23.0133, 13.7561, 1.4433**, and the grayscale version is **12.9295, 13.6028, 14.8135**.

A 20% lighter version of the original color is **40.7724, 47.0256, 96.5505**, and **8.1598, 8.9797, 25.3479** is the 20% darker color. If you saturate the color by 10%, you get **18.7459, 22.2686, 53.1799**, and if you desaturate by 10%, it is **19.8068, 23.9849, 53.4552**.

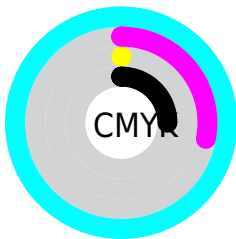
Distribution



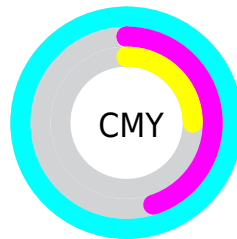
- Red (0%)
- Green (55%)
- Blue (75%)



- Red (0%)
- Yellow (32%)
- Blue (75%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (45%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7470, 22.2710, 53.1798 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 18.7470, 22.2710, 53.1798 by changing the saturation by 10% instead.

■ 18.7470, 22.2710,
53.1798

■ 18.7470, 22.2710,
53.1798

238.0135,
263.9582, 416.0604

■ 11.5905, 14.0562,
37.5576

■ 40.8263, 47.1935,
96.3131

■ 6.5357, 8.1597,
25.3404

■ 56.4799, 64.6699,
124.6613

■ 3.2172, 4.1973,
16.1095

■ 75.6966, 86.0024,
158.0886

■ 1.2696, 1.7845,
9.4465

■ 98.8417, 111.5752,
197.0136

■ 0.1603, 0.4775,
4.9328

■ 126.2805,
141.7728, 241.8547

■ 0.0000, 0.0000,
2.1498

■ 158.3786,

■ 0.0000, 0.0000,

176.9796, 293.0305

0.6452

195.5011,
217.5799, 350.9595

■ 0.0000, 0.0000,
0.0000

■ 18.7470, 22.2710,
53.1798

■ 18.7470, 22.2710,
53.1798

■ 18.7459, 22.2686,
53.1799

■ 19.8068, 23.9849,
53.4552

■ 21.1732, 25.9126,
53.7553

■ 22.9438, 28.1053,
54.0852

■ 25.1683, 30.5896,
54.4475

■ 27.8888, 33.3878,
54.8442

■ 31.1424, 36.5197,
55.2772

■ 34.9623, 40.0031,
55.7483

■ 39.3791, 43.8545,
56.2589

■ 44.4209, 48.0891,
56.8105

Harmonies

Analogous

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



15.7315, 22.2710, 42.9098



18.7470, 22.2710, 53.1798



22.8278, 22.2710, 54.3558

Triad

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



18.7470, 22.2710, 53.1798



30.0183, 22.2710, 19.9036



16.2790, 22.2710, 10.8347

Complementary

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



18.7470, 22.2710, 53.1798



23.0133, 13.7561, 1.4433

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.



19.5905, 22.2710, 8.0103



18.7470, 22.2710, 53.1798



27.7315, 22.2710, 11.9769

Square

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



18.7470, 22.2710, 53.1798



29.7145, 22.2710, 32.2046



23.7888, 22.2710, 8.3454



14.4407, 22.2710, 17.7256

Rectangle

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



18.7470, 22.2710, 53.1798



25.6551, 22.2710, 49.4748



23.7888, 22.2710, 8.3454



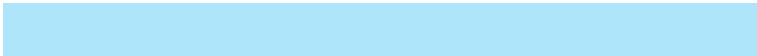
17.2371, 22.2710, 9.4988

Sweetspot

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



18.7478, 22.2717, 53.1804



62.9783, 72.1520, 100.9677



19.4528, 37.9409, 9.4563



12.8570, 14.8893, 21.5816



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



18.7478, 22.2717, 53.1804



33.7443, 39.9052, 96.2843



10.4468, 5.6697, 50.4134



10.1258, 10.9430, 12.8633



12.6818, 15.1201, 35.8067



0.6032, 0.7638, 1.5655

Inverse Universe

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



26.3991, 13.0715, 25.5584



47.7193, 23.6378, 45.7127



32.2049, 32.1392, 4.5071



10.3748, 10.1985, 12.0643



17.7972, 8.8086, 17.3758



0.7969, 0.3918, 0.8976

Previews

White Background



This preview shows how the XYZ color 18.7470, 22.2710, 53.1798 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 18.7470, 22.2710, 53.1798 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 18.7470, 22.2710, 53.1798

Background



This preview shows how black text looks on a background with the XYZ color 18.7470, 22.2710, 53.1798.

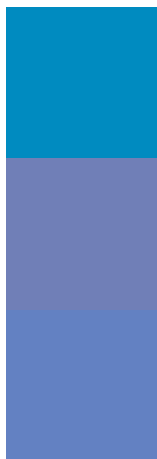


This preview shows how white text looks on a background with the XYZ color 18.7470, 22.2710,

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

18.7470, 22.2710, 53.1798

Protanopia

22.8187, 22.0424, 47.8517

Deuteranopia

22.7335, 22.2482, 54.1351



Tritanopia

15.8897, 22.3131, 34.4797

Trichromacy



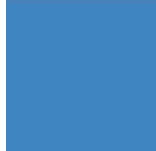
Original Color

18.7470, 22.2710, 53.1798



Protanomaly

19.5778, 21.1174, 49.4986



Deuteranomaly

20.0631, 21.6821, 53.5797



Tritanomaly

16.7409, 22.1732, 40.4433

Monochromacy



Original Color

18.7470, 22.2710, 53.1798



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

12.8653, 15.3983, 25.2158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7470, 22.2710, 53.1798 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, 139, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 192)  
}
```

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, 139, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 192) }
```

Border

The CSS property to change the border of an element to XYZ 18.7470, 22.2710, 53.1798 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, 139, 192) }
```


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

```
.border{ border-color:rgb(0, 139, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 139, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7470, 22.2710, 53.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 192) }
```

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

```
.background{ background-color: rgb(0, 139,  
192) }
```

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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