

Converting Colors

XYZ(21.0600, 26.2747, 58.0405)

Have a look what the booklet for
XYZ(21.0600, 26.2747, 58.0405)
contains.

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Color

**XYZ(21.5370, 26.5800,
58.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	0098C7
RGB	0, 152, 199
RGB Percent	0%, 60%, 78%
CMY	0.9998, 0.4039, 0.2196
CMYK	1.00, 0.24, 0.00, 0.22
HSL	194°, 100%, 39%
HSV	194°, 100%, 78%
XYZ	21.5370, 26.5800, 58.0282
YIQ	111.9100, -105.6790, -17.6070

Conversions

Conversions Part 2

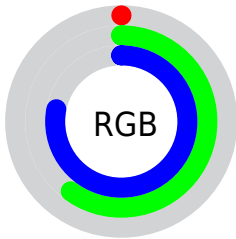
Format	Color
RYB	0, 86, 199
Decimal	39111
CIELab	58.58, -16.65, -33.56
CIELCh	59, 37.465, 243.606
Yxy	26.5800, 0.2029, 0.2504
Android (android.graphics.Color)	4278229191 (0xFF0098C7)
YUV	111.9100, 42.9354, -98.1451
Hunter-Lab	51.5558, -15.6558, -30.6443

Details

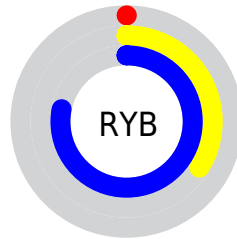
The XYZ color **21.5370, 26.5800, 58.0282** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.5717, 14.1784, 1.4427**, and the grayscale version is **15.2788, 16.0745, 17.5051**.

A 20% lighter version of the original color is **45.2669, 54.0153, 102.6479**, and **9.7645, 11.3517, 28.4645** is the 20% darker color. If you saturate the color by 10%, you get **21.5360, 26.5777, 58.0284**, and if you desaturate by 10%, it is **22.6029, 28.2851, 58.3017**.

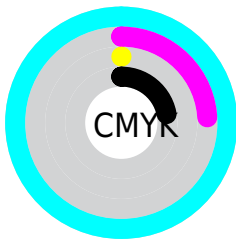
Distribution



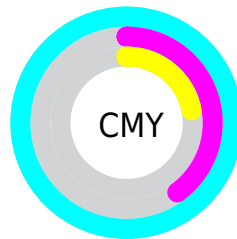
- Red (0%)
- Green (60%)
- Blue (78%)



- Red (0%)
- Yellow (34%)
- Blue (78%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5370, 26.5800, 58.0282 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 21.5370, 26.5800, 58.0282 by changing the saturation by 10% instead.

■ 21.5370, 26.5800,
58.0282

■ 21.5370, 26.5800,
58.0282

252.7968,
285.6178, 434.8922

■ 13.6318, 17.2580,
41.4165

■ 45.4641, 54.2092,
103.4791

■ 7.9450, 10.4186,
28.3225

■ 62.2168, 73.2852,
133.1554

■ 4.1113, 5.6774,
18.3277

■ 82.6492, 96.3813,
168.0235

■ 1.7653, 2.6499,
11.0137

■ 107.1269,
123.8819, 208.5022

■ 0.4966, 0.9518,
5.9618

■ 136.0152,
156.1715, 255.0098

■ 0.0000, 0.0000,
2.7534

169.6793,

■ 0.0000, 0.0000,

193.6344, 307.9650

0.9702

208.4847,
236.6550, 367.7863

■ 0.0000, 0.0000,
0.0000

■ 21.5370, 26.5800,
58.0282

■ 21.5370, 26.5800,
58.0282

■ 21.5360, 26.5777,
58.0284

■ 22.6029, 28.2851,
58.3017

■ 23.9932, 30.2025,
58.5985

■ 25.8118, 32.3865,
58.9242

■ 28.1129, 34.8656,
59.2814

■ 30.9422, 37.6639,
59.6725

■ 34.3401, 40.8027,
60.0992

■ 38.3427, 44.3010,
60.5635

■ 42.9832, 48.1765,
61.0669

■ 48.2922, 52.4452,
61.6111

Harmonies

Analogous

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



18.5981, 26.5800, 45.3211



21.5370, 26.5800, 58.0282



25.8232, 26.5800, 62.2392

Triad

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



21.5370, 26.5800, 58.0282



35.1436, 26.5800, 27.3789



20.6833, 26.5800, 12.5719

Complementary

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



21.5370, 26.5800, 58.0282



24.5717, 14.1784, 1.4427

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.



24.7120, 26.5800, 10.3246



21.5370, 26.5800, 58.0282



33.3569, 26.5800, 17.0766

Square

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



21.5370, 26.5800, 58.0282



34.0301, 26.5800, 41.7052



29.3968, 26.5800, 11.6811



18.1488, 26.5800, 19.0897

Rectangle

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



21.5370, 26.5800, 58.0282



28.9682, 26.5800, 58.8589



29.3968, 26.5800, 11.6811



21.8890, 26.5800, 11.3994

Sweetspot

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



21.5379, 26.5809, 58.0289



66.7887, 77.2716, 106.0025



20.9264, 41.0485, 9.4531



13.6299, 15.9642, 22.6130



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.



21.5379, 26.5809, 58.0289



37.5122, 46.1444, 101.5374



11.5868, 6.6787, 54.7118



10.7262, 11.6264, 13.5963



13.9180, 17.2300, 37.3365



0.7120, 0.9217, 1.7855

Inverse Universe

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



29.2215, 14.4101, 30.9479



51.0636, 25.1895, 53.6605



33.8239, 32.6829, 4.5268



10.9718, 10.7721, 12.8349



18.8245, 9.2794, 20.0835



0.9181, 0.4501, 1.0917

Previews

White Background



This preview shows how the XYZ color 21.5370, 26.5800, 58.0282 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 21.5370, 26.5800, 58.0282 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

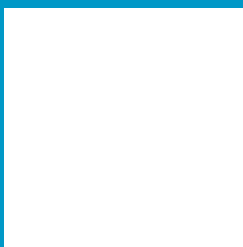
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5370, 26.5800, 58.0282

Background



This preview shows how black text looks on a background with the XYZ color 21.5370, 26.5800, 58.0282.

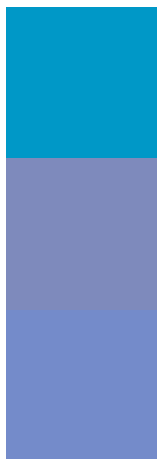


This preview shows how white text looks on a background with the XYZ color 21.5370, 26.5800,

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

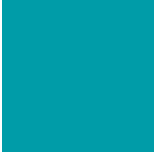
21.5370, 26.5800, 58.0282

Protanopia

26.7698, 26.2434, 51.2315

Deuteranopia

27.0957, 26.4425, 59.5529



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

21.5370, 26.5800, 58.0282

Protanomaly

22.6452, 25.1562, 53.5313

Deuteranomaly

23.3399, 25.6194, 58.9732

Tritanomaly

19.8580, 26.6974, 46.7543

Monochromacy



Original Color

21.5370, 26.5800, 58.0282

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2219, 18.5320, 29.1603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5370, 26.5800, 58.0282 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, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 199)  
}
```

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, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 199) }
```

Border

The CSS property to change the border of an element to XYZ 21.5370, 26.5800, 58.0282 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, 152, 199) }
```


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

```
.border{ border-color:rgb(0, 152, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5370, 26.5800, 58.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 199) }
```

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

```
.background{ background-color: rgb(0, 152,  
199) }
```

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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