

Converting Colors

XYZ(15.9288, 23.1668, 57.5061)

Have a look what the booklet for
XYZ(15.9288, 23.1668, 57.5061)
contains.

XYZ(21.2151, 25.9362, 57.9209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.2151, 25.9362,
57.9209)**

Conversions

Conversions Part 1

Format	Color
Hex	0096C7
RGB	0, 150, 199
RGB Percent	0%, 59%, 78%
CMY	0.9998, 0.4118, 0.2196
CMYK	1.00, 0.25, 0.00, 0.22
HSL	195°, 100%, 39%
HSV	195°, 100%, 78%
XYZ	21.2151, 25.9362, 57.9209
YIQ	110.7360, -105.1290, -16.5610

Conversions

Conversions Part 2

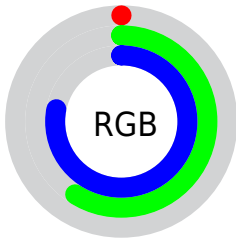
Format	Color
RYB	0, 86, 199
Decimal	38599
CIELab	57.98, -15.56, -34.51
CIELCh	58, 37.854, 245.722
Yxy	25.9362, 0.2019, 0.2468
Android (android.graphics.Color)	4278228679 (0xFF0096C7)
YUV	110.7360, 43.5142, -97.1155
Hunter-Lab	50.9276, -14.7649, -31.7823

Details

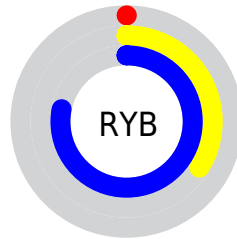
The XYZ color **21.2151, 25.9362, 57.9209** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.6535, 14.3421, 1.4700**, and the grayscale version is **14.9366, 15.7144, 17.1130**.

A 20% lighter version of the original color is **44.7885, 53.0584, 102.4884**, and **9.5727, 10.9680, 28.4006** is the 20% darker color. If you saturate the color by 10%, you get **21.2140, 25.9338, 57.9210**, and if you desaturate by 10%, it is **22.3013, 27.6819, 58.2011**.

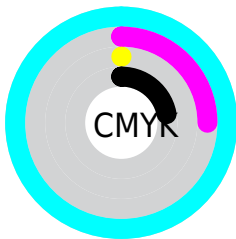
Distribution



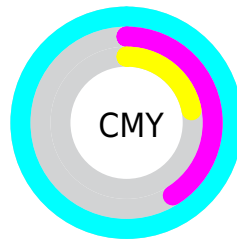
- Red (0%)
- Green (59%)
- Blue (78%)



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



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2151, 25.9362, 57.9209 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 21.2151, 25.9362, 57.9209 by changing the saturation by 10% instead.

■ 21.2151, 25.9362,
57.9209

■ 21.2151, 25.9362,
57.9209

251.1296,
282.4687, 434.4811

■ 13.3947, 16.7759,
41.3308

■ 44.9338, 53.1720,
103.3213

■ 7.7798, 10.0749,
28.2560

■ 61.5629, 72.0163,
132.9687

■ 4.0050, 5.4486,
18.2780

■ 81.8588, 94.8574,
167.8055

■ 1.7049, 2.5128,
10.9783

■ 106.1870,
122.0797, 208.2504

■ 0.4594, 0.8830,
5.9382

■ 134.9128,
154.0676, 254.7219

■ 0.0000, 0.0000,
2.7394

168.4016,

■ 0.0000, 0.0000,

191.2055, 307.6385

0.9632

207.0187,
233.8777, 367.4187

■ 0.0000, 0.0000,
0.0000

■ 21.2151, 25.9362,
57.9209

■ 21.2151, 25.9362,
57.9209

■ 21.2140, 25.9338,
57.9210

■ 22.3013, 27.6819,
58.2011

■ 23.7145, 29.6450,
58.5056

■ 25.5585, 31.8798,
58.8398

■ 27.8876, 34.4150,
59.2063

■ 30.7476, 37.2747,
59.6076

■ 34.1788, 40.4802,
60.0454

■ 38.2176, 44.0508,
60.5218

■ 42.8970, 48.0040,
61.0382

■ 48.2477, 52.3562,
61.5962

Harmonies

Analogous

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



18.1887, 25.9362, 45.6116



21.2151, 25.9362, 57.9209



25.5374, 25.9362, 61.3747

Triad

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



21.2151, 25.9362, 57.9209



34.4600, 25.9362, 25.8065



19.8726, 25.9362, 12.3503

Complementary

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



21.2151, 25.9362, 57.9209



24.6535, 14.3421, 1.4700

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.



23.7865, 25.9362, 9.8823



21.2151, 25.9362, 57.9209



32.4884, 25.9362, 15.9564

Square

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



21.2151, 25.9362, 57.9209



33.5521, 25.9362, 39.8912



28.4405, 25.9362, 10.9614



17.4832, 25.9362, 19.1121

Rectangle

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



21.2151, 25.9362, 57.9209



28.6617, 25.9362, 57.4894



28.4405, 25.9362, 10.9614



21.0341, 25.9362, 11.1046

Sweetspot

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



21.2160, 25.9371, 57.9216



66.5666, 76.8274, 105.9285



20.9264, 41.0485, 9.4531



13.5764, 15.8574, 22.5952



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.



21.2160, 25.9371, 57.9216



36.9437, 45.0073, 101.3479



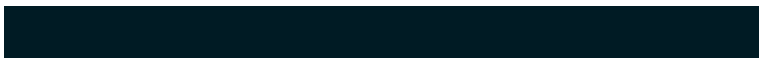
11.5868, 6.6787, 54.7118



10.7169, 11.6079, 13.5932



13.7128, 16.8195, 37.2681



0.7037, 0.9052, 1.7828

Inverse Universe

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



29.0590, 14.3451, 30.0922



50.7766, 25.0747, 52.1493



33.8239, 32.6829, 4.5268



10.9672, 10.7702, 12.8103



18.7209, 9.2379, 19.5380



0.9139, 0.4484, 1.0697

Previews

White Background



This preview shows how the XYZ color 21.2151, 25.9362, 57.9209 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 21.2151, 25.9362, 57.9209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

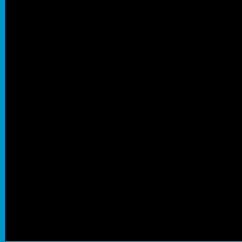
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2151, 25.9362, 57.9209

Background



This preview shows how black text looks on a background with the XYZ color 21.2151, 25.9362, 57.9209.

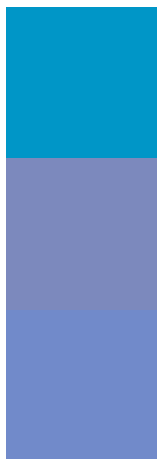


This preview shows how white text looks on a background with the XYZ color 21.2151, 25.9362,

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

21.2151, 25.9362, 57.9209

Protanopia

26.4431, 25.8505, 51.7401

Deuteranopia

26.5592, 25.9519, 59.4865



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



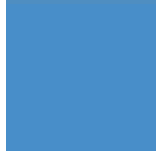
Original Color

21.2151, 25.9362, 57.9209



Protanomaly

22.5231, 24.8585, 54.0632



Deuteranomaly

22.8881, 24.9408, 58.8661



Tritanomaly

19.4271, 25.9968, 46.1135

Monochromacy



Original Color

21.2151, 25.9362, 57.9209



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

14.8901, 17.9900, 28.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2151, 25.9362, 57.9209 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, 150, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 150, 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, 150, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 150, 199) }
```

Border

The CSS property to change the border of an element to XYZ 21.2151, 25.9362, 57.9209 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, 150, 199) }
```


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

```
.border{ border-color:rgb(0, 150, 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, 150, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 150, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 150, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 150,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2151, 25.9362, 57.9209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 150, 199) }
```

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

```
.background{ background-color: rgb(0, 150,  
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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