

Converting Colors

XYZ(18.6907, 25.7173, 56.0877)

Have a look what the booklet for
XYZ(18.6907, 25.7173, 56.0877)
contains.

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Color

**XYZ(21.5194, 27.0967,
56.3206)**

Conversions

Conversions Part 1

Format	Color
Hex	009AC4
RGB	0, 154, 196
RGB Percent	0%, 60%, 77%
CMY	0.9998, 0.3961, 0.2314
CMYK	1.00, 0.21, 0.00, 0.23
HSL	193°, 100%, 38%
HSV	193°, 100%, 77%
XYZ	21.5194, 27.0967, 56.3206
YIQ	112.7420, -105.2660, -19.5860

Conversions

Conversions Part 2

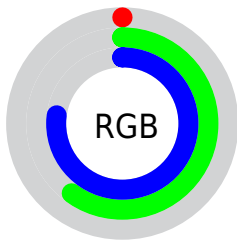
Format	Color
RYB	0, 86, 196
Decimal	39620
CIELab	59.06, -18.81, -31.13
CIELCh	59, 36.367, 238.858
Yxy	27.0967, 0.2051, 0.2582
Android (android.graphics.Color)	4278229700 (0xFF009AC4)
YUV	112.7420, 41.0462, -98.8747
Hunter-Lab	52.0545, -17.3032, -27.7109

Details

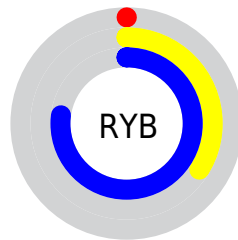
The XYZ color **21.5194, 27.0967, 56.3206** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **23.5949, 13.3948, 1.3431**, and the grayscale version is **15.5284, 16.3371, 17.7911**.

A 20% lighter version of the original color is **45.3225, 54.8003, 101.1173**, and **9.7327, 11.6535, 27.3276** is the 20% darker color. If you saturate the color by 10%, you get **21.5183, 27.0944, 56.3208**, and if you desaturate by 10%, it is **22.5066, 28.6535, 56.5696**.

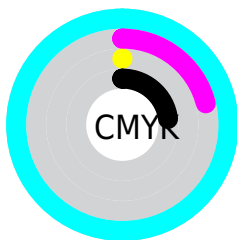
Distribution



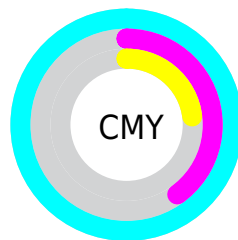
- Red (0%)
- Green (60%)
- Blue (77%)



- Red (0%)
- Yellow (34%)
- Blue (77%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5194, 27.0967, 56.3206 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 21.5194, 27.0967, 56.3206 by changing the saturation by 10% instead.

■ 21.5194, 27.0967,
56.3206

■ 21.5194, 27.0967,
56.3206

252.7059,
288.1250, 428.3208

■ 13.6188, 17.6459,
40.0543

■ 45.4352, 55.0390,
100.9636

■ 7.9359, 10.6960,
27.2668

■ 62.1811, 74.2993,
130.1775

■ 4.1054, 5.8628,
17.5395

■ 82.6061, 97.5981,
164.5442

■ 1.7620, 2.7619,
10.4539

■ 107.0756,
125.3199, 204.4824

■ 0.4946, 1.0087,
5.5914

■ 135.9550,
157.8491, 250.4107

■ 0.0000, 0.0000,
2.5335

169.6096,

■ 0.0000, 0.0000,

195.5701, 302.7475

0.8578

208.4048,
238.8673, 361.9113

■ 0.0000, 0.0000,
0.0000

■ 21.5194, 27.0967,
56.3206

■ 21.5194, 27.0967,
56.3206

■ 21.5183, 27.0944,
56.3208

■ 22.5066, 28.6535,
56.5696

■ 23.8013, 30.4047,
56.8394

■ 25.5045, 32.4032,
57.1354

■ 27.6683, 34.6762,
57.4601

■ 30.3366, 37.2468,
57.8156

■ 33.5482, 40.1353,
58.2039

■ 37.3379, 43.3598,
58.6265

■ 41.7375, 46.9372,
59.0851

■ 46.7765, 50.8829,
59.5812

Harmonies

Analogous

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



18.8729, 27.0967, 43.2090



21.5194, 27.0967, 56.3206



25.5819, 27.0967, 62.0101

Triad

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



21.5194, 27.0967, 56.3206



35.4495, 27.0967, 30.0022



21.7865, 27.0967, 12.6420

Complementary

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



21.5194, 27.0967, 56.3206



23.5949, 13.3948, 1.3431

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.



25.9281, 27.0967, 10.9691



21.5194, 27.0967, 56.3206



34.1338, 27.0967, 19.0542

Square

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



21.5194, 27.0967, 56.3206



33.9254, 27.0967, 44.3259



30.5119, 27.0967, 12.9258



19.0139, 27.0967, 18.4199

Rectangle

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



21.5194, 27.0967, 56.3206



28.6648, 27.0967, 59.8533



30.5119, 27.0967, 12.9258



23.0484, 27.0967, 11.6713

Sweetspot

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



21.5203, 27.0976, 56.3213



67.2757, 78.2456, 106.1649



20.1108, 39.6286, 8.5290



13.7472, 16.1988, 22.6521



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.



21.5203, 27.0976, 56.3213



38.7847, 48.6894, 101.9616



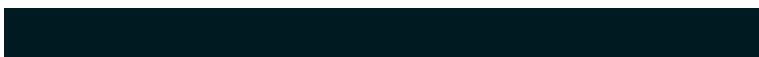
11.5197, 7.0963, 52.9877



10.1794, 11.0502, 12.8812



13.8910, 17.5385, 36.2098



0.6470, 0.8514, 1.5801

Inverse Universe

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



28.5986, 14.0700, 31.7811



51.7059, 25.4464, 57.0427



31.7414, 29.6880, 4.0586



10.4019, 10.2094, 12.2067



18.4075, 9.0528, 20.5898



0.8190, 0.4006, 1.0141

Previews

White Background



This preview shows how the XYZ color 21.5194, 27.0967, 56.3206 looks on a white background.

Color Contrast Check

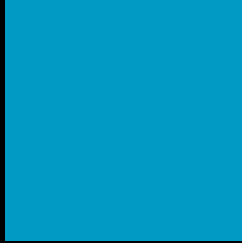
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5194, 27.0967, 56.3206 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

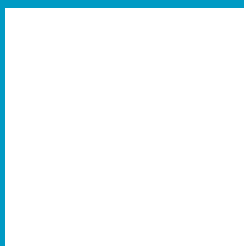
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5194, 27.0967, 56.3206

Background



This preview shows how black text looks on a background with the XYZ color 21.5194, 27.0967, 56.3206.

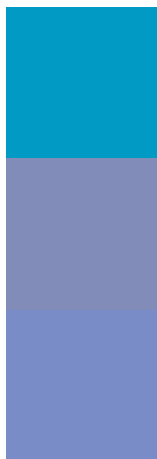


This preview shows how white text looks on a background with the XYZ color 21.5194, 27.0967,

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

21.5194, 27.0967, 56.3206

Protanopia

27.1883, 26.9261, 49.6632

Deuteranopia

27.5720, 26.9446, 57.7805



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



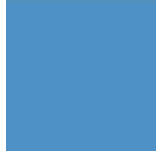
Original Color

21.5194, 27.0967, 56.3206



Protanomaly

22.7904, 25.7188, 51.9071



Deuteranomaly

23.3790, 25.9058, 57.1942



Tritanomaly

20.0252, 27.0316, 46.8100

Monochromacy



Original Color

21.5194, 27.0967, 56.3206



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

15.3496, 18.7992, 28.8062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5194, 27.0967, 56.3206 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, 154, 196)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 196)  
}
```

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, 154, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 196) }
```

Border

The CSS property to change the border of an element to XYZ 21.5194, 27.0967, 56.3206 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, 154, 196) }
```


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

```
.border{ border-color:rgb(0, 154, 196) }
```

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

Here you see how a box with a 4 pixel rgb(0, 154, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 196);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5194, 27.0967, 56.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 196) }
```

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

```
.background{ background-color: rgb(0, 154,  
196) }
```

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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