

Converting Colors

XYZ(7.1496, 19.7405, 54.6469)

Have a look what the booklet for
XYZ(7.1496, 19.7405, 54.6469)
contains.

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Color

**XYZ(21.2932, 27.0062,
55.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	009AC2
RGB	0, 154, 194
RGB Percent	0%, 60%, 76%
CMY	0.9998, 0.3961, 0.2392
CMYK	1.00, 0.21, 0.00, 0.24
HSL	192°, 100%, 38%
HSV	192°, 100%, 76%
XYZ	21.2932, 27.0062, 55.1294
YIQ	112.5140, -104.6240, -20.2080

Conversions

Conversions Part 2

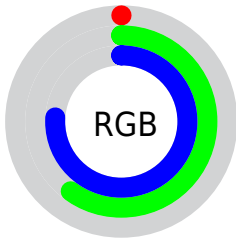
Format	Color
RYB	0, 86, 194
Decimal	39618
CIELab	58.98, -19.52, -30.13
CIELCh	59, 35.900, 237.065
Yxy	27.0062, 0.2059, 0.2611
Android (android.graphics.Color)	4278229698 (0xFF009AC2)
YUV	112.5140, 40.1726, -98.6748
Hunter-Lab	51.9675, -17.8044, -26.5202

Details

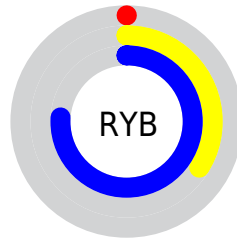
The XYZ color **21.2932, 27.0062, 55.1294** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **23.0088, 12.9900, 1.2958**, and the grayscale version is **15.4637, 16.2690, 17.7170**.

A 20% lighter version of the original color is **45.2501, 55.1626, 99.5293**, and **9.5839, 11.5939, 26.5437** is the 20% darker color. If you saturate the color by 10%, you get **21.2921, 27.0040, 55.1296**, and if you desaturate by 10%, it is **22.2423, 28.4926, 55.3668**.

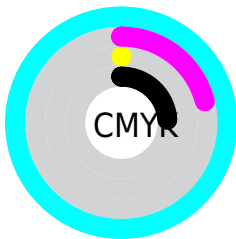
Distribution



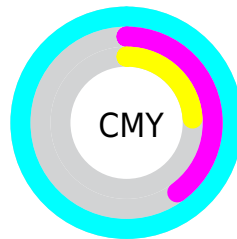
- Red (0%)
- Green (60%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2932, 27.0062, 55.1294 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 21.2932, 27.0062, 55.1294 by changing the saturation by 10% instead.

■ 21.2932, 27.0062,
55.1294

■ 21.2932, 27.0062,
55.1294

251.5349,
287.6871, 423.6980

■ 13.4522, 17.5779,
39.1060

■ 45.0626, 54.8938,
99.2036

■ 7.8198, 10.6474,
26.5338

■ 61.7217, 74.1219,
128.0915

■ 4.0307, 5.8302,
16.9940

■ 82.0508, 97.3854,
162.1046

■ 1.7195, 2.7421,
10.0683

■ 106.4154,
125.0686, 201.6615

■ 0.4684, 0.9986,
5.3381

■ 135.1807,
157.5560, 247.1808

■ 0.0000, 0.0000,
2.3848

■ 168.7122,

■ 0.0000, 0.0000,

195.2320, 299.0809

0.7781

207.3751,
238.4809, 357.7805

■ 0.0000, 0.0000,
0.0000

■ 21.2932, 27.0062,
55.1294

■ 21.2932, 27.0062,
55.1294

■ 21.2921, 27.0040,
55.1296

■ 22.2423, 28.4926,
55.3668

■ 23.4894, 30.1652,
55.6239

■ 25.1338, 32.0759,
55.9061

■ 27.2261, 34.2510,
56.2156

■ 29.8092, 36.7132,
56.5547

■ 32.9209, 39.4819,
56.9252

■ 36.5951, 42.5751,
57.3286

■ 40.8627, 46.0090,
57.7664

■ 45.7524, 49.7986,
58.2402

Harmonies

Analogous

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



18.7802, 27.0062, 42.0189



21.2932, 27.0062, 55.1294



25.2330, 27.0062, 61.2824

Triad

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



21.2932, 27.0062, 55.1294



35.1938, 27.0062, 30.6776



21.9701, 27.0062, 12.5404

Complementary

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



21.2932, 27.0062, 55.1294



23.0088, 12.9900, 1.2958

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.



26.1091, 27.0062, 11.0979



21.2932, 27.0062, 55.1294



34.0639, 27.0062, 19.6081

Square

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



21.2932, 27.0062, 55.1294



33.5376, 27.0062, 44.8362



30.6057, 27.0062, 13.2647



19.1381, 27.0062, 17.9959

Rectangle

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



21.2932, 27.0062, 55.1294



28.2614, 27.0062, 59.5910



30.6057, 27.0062, 13.2647



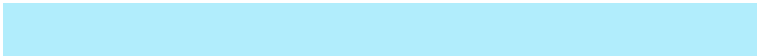
23.2394, 27.0062, 11.6533

Sweetspot

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



21.2941, 27.0071, 55.1301



65.9441, 76.8414, 103.8260



19.6560, 38.7297, 8.3447



13.7909, 16.2863, 22.6667



0.0000, 0.0000, 0.0000



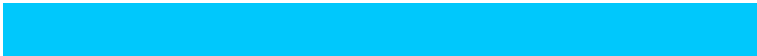
20.3446, 21.4041, 23.3091

Same Dimension

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



21.2941, 27.0071, 55.1301



38.3864, 48.5455, 99.8168



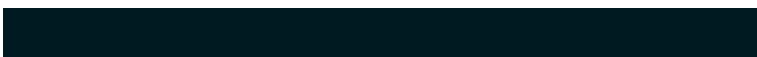
11.2629, 6.9447, 51.7863



10.1865, 11.0643, 12.8836



14.0589, 17.8742, 36.2657



0.6530, 0.8634, 1.5821

Inverse Universe

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



28.0817, 13.8035, 31.7569



50.7788, 24.9679, 57.0247



31.0265, 29.0254, 3.9684



10.4054, 10.2108, 12.2255



18.4922, 9.0866, 21.0360



0.8220, 0.4018, 1.0300

Previews

White Background



This preview shows how the XYZ color 21.2932, 27.0062, 55.1294 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 21.2932, 27.0062, 55.1294 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 21.2932, 27.0062, 55.1294

Background



This preview shows how black text looks on a background with the XYZ color 21.2932, 27.0062, 55.1294.

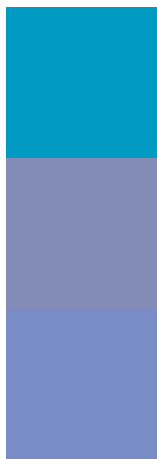


This preview shows how white text looks on a background with the XYZ color 21.2932, 27.0062,

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

21.2932, 27.0062, 55.1294

Protanopia

27.1312, 26.9209, 48.5660

Deuteranopia

27.4822, 26.9250, 56.5719



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

21.2932, 27.0062, 55.1294

Protanomaly

22.6623, 25.6777, 50.7756

Deuteranomaly

23.2311, 25.8560, 55.9909

Tritanomaly

19.9243, 26.9913, 46.2792

Monochromacy



Original Color

21.2932, 27.0062, 55.1294

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2741, 18.7691, 28.4089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2932, 27.0062, 55.1294 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 194) }
```

Border

The CSS property to change the border of an element to XYZ 21.2932, 27.0062, 55.1294 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, 194) }
```


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

```
.border{ border-color:rgb(0, 154, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2932, 27.0062, 55.1294 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, 194) }
```

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

```
.background{ background-color: rgb(0, 154,  
194) }
```

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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