

Converting Colors

XYZ(18.3230, 24.6625, 56.7683)

Have a look what the booklet for
XYZ(18.3230, 24.6625, 56.7683)
contains.

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Color

**XYZ(21.1447, 26.1644,
56.7591)**

Conversions

Conversions Part 1

Format	Color
Hex	0097C5
RGB	0, 151, 197
RGB Percent	0%, 59%, 77%
CMY	0.9998, 0.4078, 0.2274
CMYK	1.00, 0.23, 0.00, 0.23
HSL	194°, 100%, 39%
HSV	194°, 100%, 77%
XYZ	21.1447, 26.1644, 56.7591
YIQ	111.0950, -104.7620, -17.7060

Conversions

Conversions Part 2

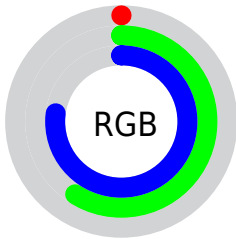
Format	Color
RYB	0, 85, 197
Decimal	38853
CIELab	58.19, -16.83, -33.04
CIELCh	58, 37.083, 243.005
Yxy	26.1644, 0.2032, 0.2514
Android (android.graphics.Color)	4278228933 (0xFF0097C5)
YUV	111.0950, 42.3512, -97.4303
Hunter-Lab	51.1511, -15.7267, -29.9844

Details

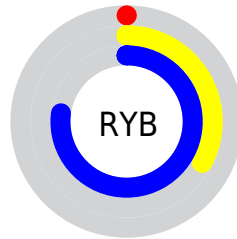
The XYZ color **21.1447, 26.1644, 56.7591** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.0054, 13.8284, 1.4053**, and the grayscale version is **15.0443, 15.8278, 17.2365**.

A 20% lighter version of the original color is **44.7577, 53.4151, 101.7171**, and **9.5151, 11.0975, 27.6271** is the 20% darker color. If you saturate the color by 10%, you get **21.1431, 26.1612, 56.7591**, and if you desaturate by 10%, it is **22.1835, 27.8212, 57.0247**.

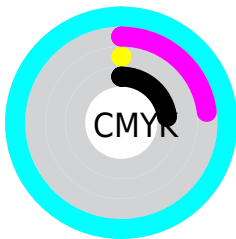
Distribution



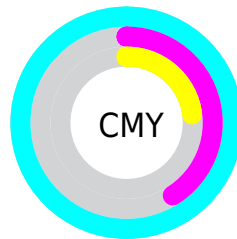
- Red (0%)
- Green (59%)
- Blue (77%)



- Red (0%)
- Yellow (33%)
- Blue (77%)



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



- Cyan (100%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1447, 26.1644, 56.7591 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 21.1447, 26.1644, 56.7591 by changing the saturation by 10% instead.

■ 21.1447, 26.1644,
56.7591

■ 21.1447, 26.1644,
56.7591

250.7637,
283.5882, 430.0144

■ 13.3429, 16.9467,
40.4038

■ 44.8177, 53.5400,
101.6104

■ 7.7437, 10.1965,
27.5373

■ 61.4196, 72.4667,
130.9436

■ 3.9818, 5.5294,
17.7412

■ 81.6855, 95.3986,
165.4397

■ 1.6918, 2.5611,
10.5968

■ 105.9809,
122.7199, 205.5174

■ 0.4512, 0.9072,
5.6857

■ 134.6710,
154.8151, 251.5951

■ 0.0000, 0.0000,
2.5892

168.1213,

■ 0.0000, 0.0000,

192.0686, 304.0915

0.8869

206.6971,
234.8649, 363.4251

■ 0.0000, 0.0000,
0.0000

■ 21.1447, 26.1644,
56.7591

■ 21.1447, 26.1644,
56.7591

■ 21.1431, 26.1612,
56.7591

■ 22.1835, 27.8212,
57.0247

■ 23.5381, 29.6837,
57.3128

■ 25.3106, 31.8056,
57.6289

■ 27.5537, 34.2143,
57.9756

■ 30.3121, 36.9335,
58.3551

■ 33.6251, 39.9837,
58.7692

■ 37.5278, 43.3836,
59.2198

■ 42.0528, 47.1504,
59.7084

■ 47.2297, 51.2998,
60.2364

Harmonies

Analogous

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



18.2961, 26.1644, 44.2279



21.1447, 26.1644, 56.7591



25.3248, 26.1644, 61.0847

Triad

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



21.1447, 26.1644, 56.7591



34.5468, 26.1644, 27.2093



20.4475, 26.1644, 12.3527

Complementary

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



21.1447, 26.1644, 56.7591



24.0054, 13.8284, 1.4053

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.



24.4177, 26.1644, 10.2180



21.1447, 26.1644, 56.7591



32.8519, 26.1644, 17.0116

Square

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



21.1447, 26.1644, 56.7591



33.4010, 26.1644, 41.2795



29.0056, 26.1644, 11.6235



17.9290, 26.1644, 18.6573

Rectangle

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



21.1447, 26.1644, 56.7591



28.4050, 26.1644, 57.9211



29.0056, 26.1644, 11.6235



21.6384, 26.1644, 11.2270

Sweetspot

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



21.1456, 26.1653, 56.7598



66.8477, 77.3896, 106.0222



20.4603, 40.1305, 9.2529



13.6441, 15.9926, 22.6177



0.0000, 0.0000, 0.0000



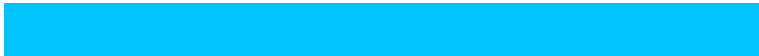
20.3446, 21.4041, 23.3091

Same Dimension

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



21.1456, 26.1653, 56.7598



37.6645, 46.4490, 101.5882



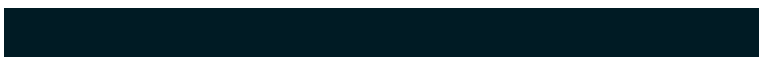
11.3324, 6.5388, 53.4887



10.7286, 11.6313, 13.5971



13.9730, 17.3399, 37.3548



0.7142, 0.9261, 1.7863

Inverse Universe

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



28.6128, 14.1059, 30.4935



51.1405, 25.2202, 54.0653



33.0727, 31.9630, 4.4278



10.9731, 10.7726, 12.8414



18.8523, 9.2905, 20.2296



0.9192, 0.4505, 1.0975

Previews

White Background



This preview shows how the XYZ color 21.1447, 26.1644, 56.7591 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 21.1447, 26.1644, 56.7591 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 21.1447, 26.1644, 56.7591

Background



This preview shows how black text looks on a background with the XYZ color 21.1447, 26.1644, 56.7591.

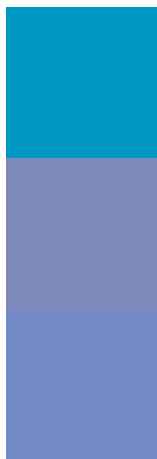


This preview shows how white text looks on a background with the XYZ color 21.1447, 26.1644,

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

21.1447, 26.1644, 56.7591

Protanopia

26.2660, 25.7965, 50.0492

Deuteranopia

26.5840, 25.9919, 58.2594



Tritanopia

18.6964, 26.2327, 40.6372

Trichromacy



Original Color

21.1447, 26.1644, 56.7591



Protanomaly

22.2755, 24.7692, 52.3221



Deuteranomaly

22.8789, 25.1849, 57.6882



Tritanomaly

19.5915, 26.3256, 46.1682

Monochromacy



Original Color

21.1447, 26.1644, 56.7591



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

14.9419, 18.2143, 28.3194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1447, 26.1644, 56.7591 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, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 197)  
}
```

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, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 197) }
```

Border

The CSS property to change the border of an element to XYZ 21.1447, 26.1644, 56.7591 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, 151, 197) }
```


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

```
.border{ border-color:rgb(0, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1447, 26.1644, 56.7591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 197) }
```

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

```
.background{ background-color: rgb(0, 151,  
197) }
```

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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