

Converting Colors

XYZ(21.4482, 26.4023, 57.9985)

Have a look what the booklet for
XYZ(21.4482, 26.4023, 57.9985)
contains.

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Color

**XYZ(21.3754, 26.2567,
57.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	0097C7
RGB	0, 151, 199
RGB Percent	0%, 59%, 78%
CMY	0.9998, 0.4078, 0.2196
CMYK	1.00, 0.24, 0.00, 0.22
HSL	194°, 100%, 39%
HSV	194°, 100%, 78%
XYZ	21.3754, 26.2567, 57.9743
YIQ	111.3230, -105.4040, -17.0840

Conversions

Conversions Part 2

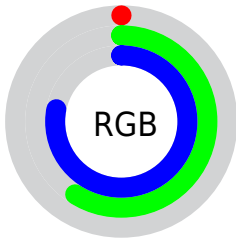
Format	Color
RYB	0, 86, 199
Decimal	38855
CIELab	58.28, -16.11, -34.03
CIELCh	58, 37.654, 244.669
Yxy	26.2567, 0.2024, 0.2486
Android (android.graphics.Color)	4278228935 (0xFF0097C7)
YUV	111.3230, 43.2248, -97.6303
Hunter-Lab	51.2413, -15.2107, -31.2117

Details

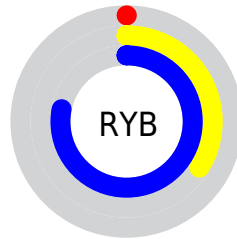
The XYZ color **21.3754, 26.2567, 57.9743** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.6124, 14.2598, 1.4565**, and the grayscale version is **15.1076, 15.8943, 17.3089**.

A 20% lighter version of the original color is **45.0269, 53.5353, 102.5679**, and **9.6680, 11.1587, 28.4323** is the 20% darker color. If you saturate the color by 10%, you get **21.3741, 26.2539, 57.9744**, and if you desaturate by 10%, it is **22.4516, 27.9824, 58.2512**.

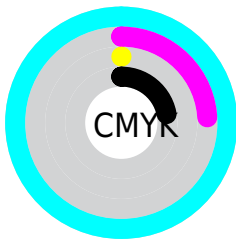
Distribution



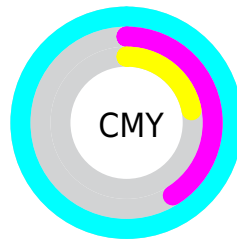
- Red (0%)
- Green (59%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3754, 26.2567, 57.9743 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 21.3754, 26.2567, 57.9743 by changing the saturation by 10% instead.

■ 21.3754, 26.2567,
57.9743

■ 21.3754, 26.2567,
57.9743

251.9610,
284.0399, 434.6857

■ 13.5127, 17.0158,
41.3734

■ 45.1981, 53.6888,
103.3998

■ 7.8620, 10.2457,
28.2891

■ 61.8887, 72.6487,
133.0616

■ 4.0578, 5.5622,
18.3028

■ 82.2528, 95.6171,
167.9140

■ 1.7349, 2.5807,
10.9959

■ 106.6555,
122.9784, 208.3757

■ 0.4780, 0.9170,
5.9499

■ 135.4624,
155.1169, 254.8652

■ 0.0000, 0.0000,
2.7464

169.0387,

■ 0.0000, 0.0000,

192.4171, 307.8010

0.9666

207.7498,
235.2633, 367.6017

■ 0.0000, 0.0000,
0.0000

■ 21.3754, 26.2567,
57.9743

■ 21.3754, 26.2567,
57.9743

■ 21.3741, 26.2539,
57.9744

■ 22.4516, 27.9824,
58.2512

■ 23.8536, 29.9230,
58.5519

■ 25.6852, 32.1327,
58.8819

■ 28.0005, 34.6402,
59.2438

■ 30.8454, 37.4695,
59.6400

■ 34.2603, 40.6419,
60.0724

■ 38.2812, 44.1766,
60.5427

■ 42.9414, 48.0912,
61.0527

■ 48.2715, 52.4019,
61.6038

Harmonies

Analogous

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



18.3924, 26.2567, 45.4657



21.3754, 26.2567, 57.9743



25.6798, 26.2567, 61.8061

Triad

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



21.3754, 26.2567, 57.9743



34.8007, 26.2567, 26.5853



20.2753, 26.2567, 12.4604

Complementary

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



21.3754, 26.2567, 57.9743



24.6124, 14.2598, 1.4565

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.



24.2464, 26.2567, 10.1017



21.3754, 26.2567, 57.9743



32.9208, 26.2567, 16.5103

Square

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



21.3754, 26.2567, 57.9743



33.7904, 26.2567, 40.7921



28.9161, 26.2567, 11.3174



17.8139, 26.2567, 19.1004

Rectangle

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



21.3754, 26.2567, 57.9743



28.8144, 26.2567, 58.1720



28.9161, 26.2567, 11.3174



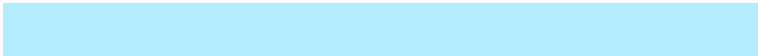
21.4587, 26.2567, 11.2511

Sweetspot

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



21.3763, 26.2576, 57.9750



66.6774, 77.0489, 105.9654



20.9266, 41.0485, 9.4535



13.6031, 15.9107, 22.6041



0.0000, 0.0000, 0.0000



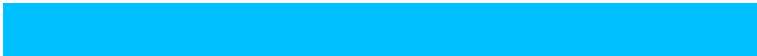
20.3446, 21.4041, 23.3091

Same Dimension

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



21.3763, 26.2576, 57.9750



37.2263, 45.5725, 101.4421



11.5871, 6.6791, 54.7119



10.7216, 11.6172, 13.5947



13.8148, 17.0236, 37.3021



0.7078, 0.9134, 1.7841

Inverse Universe

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



29.1400, 14.3776, 30.5182



50.9193, 25.1317, 52.9005



33.8242, 32.6834, 4.5271



10.9695, 10.7712, 12.8226



18.7724, 9.2585, 19.8092



0.9160, 0.4492, 1.0806

Previews

White Background



This preview shows how the XYZ color 21.3754, 26.2567, 57.9743 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 21.3754, 26.2567, 57.9743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

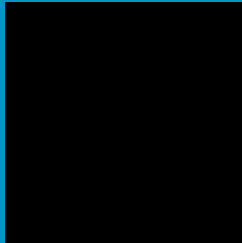
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3754, 26.2567, 57.9743

Background



This preview shows how black text looks on a background with the XYZ color 21.3754, 26.2567, 57.9743.

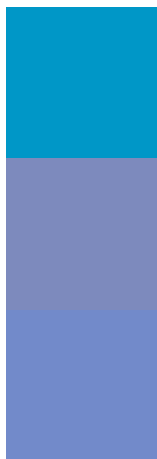


This preview shows how white text looks on a background with the XYZ color 21.3754, 26.2567,

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

21.3754, 26.2567, 57.9743

Protanopia

26.7312, 26.2111, 51.7945

Deuteranopia

26.6886, 26.0186, 59.4926



Tritanopia

18.6964, 26.2327, 40.6372

Trichromacy



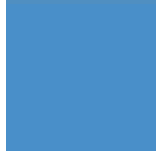
Original Color

21.3754, 26.2567, 57.9743



Protanomaly

22.7564, 25.2007, 54.1169



Deuteranomaly

23.1127, 25.2784, 58.9194



Tritanomaly

19.6923, 26.3659, 46.6991

Monochromacy



Original Color

21.3754, 26.2567, 57.9743



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

15.0173, 18.2445, 28.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3754, 26.2567, 57.9743 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 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, 151, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 199) }
```

Border

The CSS property to change the border of an element to XYZ 21.3754, 26.2567, 57.9743 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, 199) }
```


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

```
.border{ border-color:rgb(0, 151, 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, 151, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 199);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3754, 26.2567, 57.9743 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, 199) }
```

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

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