

Converting Colors

XYZ(21.7116, 26.4434, 57.3859)

Have a look what the booklet for
XYZ(21.7116, 26.4434, 57.3859)
contains.

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Color

**XYZ(21.7116, 26.4434,
57.3859)**

Conversions

Conversions Part 1

Format	Color
Hex	1B97C6
RGB	27, 151, 198
RGB Percent	11%, 59%, 78%
CMY	0.8940, 0.4078, 0.2235
CMYK	0.86, 0.24, 0.00, 0.22
HSL	196°, 76%, 44%
HSV	196°, 86%, 78%
XYZ	21.7116, 26.4434, 57.3859
YIQ	119.2820, -88.9910, -11.6710

Conversions

Conversions Part 2

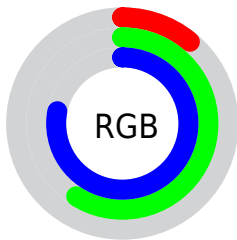
Format	Color
R_{YB}	27, 99, 198
Decimal	1808326
CIE _{Lab}	58.46, -15.28, -33.18
CIE _{LCh}	58, 36.530, 245.271
Yxy	26.4434, 0.2057, 0.2506
Android (android.graphics.Color)	4279998406 (0xFF1B97C6)
YUV	119.2820, 38.8080, -80.9313
Hunter-Lab	51.4231, -14.6252, -30.1687

Details

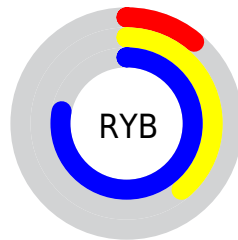
The XYZ color **21.7116, 26.4434, 57.3859** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.9370, 16.9851, 2.9495**, and the grayscale version is **17.5270, 18.4398, 20.0809**.

A 20% lighter version of the original color is **45.7070, 53.8859, 102.5997**, and **9.5912, 11.1280, 28.0280** is the 20% darker color. If you saturate the color by 10%, you get **20.4946, 24.5459, 57.0843**, and if you desaturate by 10%, it is **23.3203, 28.6036, 57.7186**.

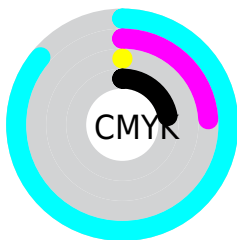
Distribution



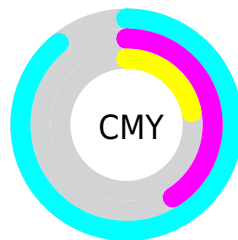
- Red (11%)
- Green (59%)
- Blue (78%)



- Red (11%)
- Yellow (39%)
- Blue (78%)



- Cyan (86%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (89%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7116, 26.4434, 57.3859 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 21.7116, 26.4434, 57.3859 by changing the saturation by 10% instead.

■ 21.7116, 26.4434,
57.3859

■ 21.7116, 26.4434,
57.3859

253.6972,
284.9520, 432.4279

■ 13.7606, 17.1556,
40.9037

■ 45.7513, 53.9894,
102.5340

■ 8.0349, 10.3455,
27.9247

■ 62.5706, 73.0164,
132.0369

■ 4.1693, 5.6286,
18.0304

■ 83.0768, 96.0587,
166.7173

■ 1.7983, 2.6206,
10.8021

■ 107.6351,
123.5005, 206.9935

■ 0.5167, 0.9370,
5.8214

■ 136.6110,
155.7264, 253.2841

■ 0.0000, 0.0000,
2.6698

170.3697,

■ 0.0000, 0.0000,

193.1207, 306.0077

0.9282

209.2767,
236.0677, 365.5828

■ 0.0000, 0.0000,
0.0000

■ 21.7116, 26.4434,
57.3859

■ 21.7116, 26.4434,
57.3859

■ 20.4946, 24.5459,
57.0843

■ 23.3203, 28.6036,
57.7186

■ 20.1021, 23.8952,
56.9794

■ 25.3823, 31.0580,
58.0837

■ 27.9488, 33.8340,
58.4842

■ 31.0630, 36.9547,
58.9225

■ 34.7633, 40.4407,
59.4003

■ 39.0845, 44.3105,
59.9195

■ 44.0585, 48.5814,
60.4817

■ 49.7149, 53.2693,
61.0884

■ 56.0815, 58.3893,
61.7411

Harmonies

Analogous

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



18.7576, 26.4434, 45.4460



21.7116, 26.4434, 57.3859



25.9304, 26.4434, 60.8589

Triad

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



21.7116, 26.4434, 57.3859



34.6852, 26.4434, 26.5928



20.4963, 26.4434, 13.0259

Complementary

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



21.7116, 26.4434, 57.3859



25.9370, 16.9851, 2.9495

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.



24.3534, 26.4434, 10.5969



21.7116, 26.4434, 57.3859



32.8121, 26.4434, 16.8034

Square

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



21.7116, 26.4434, 57.3859



33.7629, 26.4434, 40.3473



28.8976, 26.4434, 11.7399



18.1163, 26.4434, 19.6855

Rectangle

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



21.7116, 26.4434, 57.3859



28.9785, 26.4434, 57.2303



28.8976, 26.4434, 11.7399



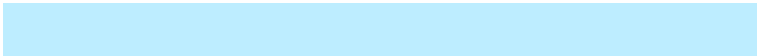
21.6449, 26.4434, 11.7941

Sweetspot

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



21.7125, 26.4443, 57.3866



69.1812, 78.4390, 106.1017



21.8366, 41.0978, 13.0182



14.2045, 16.2567, 22.6391



0.0000, 0.0000, 0.0000



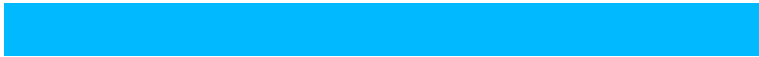
20.3446, 21.4041, 23.3091

Same Dimension

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



21.7125, 26.4443, 57.3866



35.3793, 41.8787, 100.8264



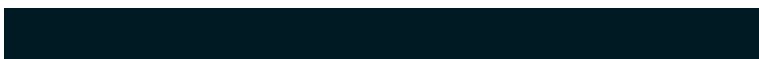
12.6477, 8.3147, 54.3650



10.6907, 11.5555, 13.5845



13.1473, 15.6886, 37.0796



0.6808, 0.8593, 1.7751

Inverse Universe

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



29.2674, 15.0250, 30.6365



49.9871, 24.7588, 47.9913



35.7318, 36.5747, 6.2144



10.9539, 10.7649, 12.7405



18.4355, 9.1238, 18.0350



0.9023, 0.4438, 1.0088

Previews

White Background



This preview shows how the XYZ color 21.7116, 26.4434, 57.3859 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 21.7116, 26.4434, 57.3859 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

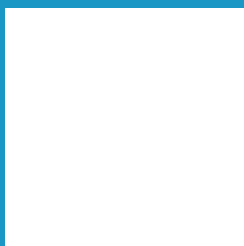
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.7116, 26.4434, 57.3859

Background



This preview shows how black text looks on a background with the XYZ color 21.7116, 26.4434, 57.3859.

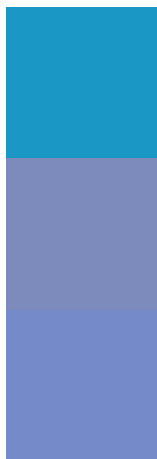


This preview shows how white text looks on a background with the XYZ color 21.7116, 26.4434,

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

21.7116, 26.4434, 57.3859

Protanopia

26.6230, 26.1678, 51.2247

Deuteranopia

26.8336, 26.1070, 58.8832



Tritanopia

18.6964, 26.2327, 40.6372

Trichromacy



Original Color

21.7116, 26.4434, 57.3859

Protanomaly

23.4567, 25.5745, 53.5693

Deuteranomaly

23.9039, 25.6999, 58.3443

Tritanomaly

19.7167, 26.3901, 46.1741

Monochromacy



Original Color

21.7116, 26.4434, 57.3859

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.2993, 20.3492, 31.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7116, 26.4434, 57.3859 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(27, 151, 198)` looks like.

```
.text, #text, p{  
    color:rgb(27, 151, 198)  
}
```

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(27, 151, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 151, 198) }
```

Border

The CSS property to change the border of an element to XYZ 21.7116, 26.4434, 57.3859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

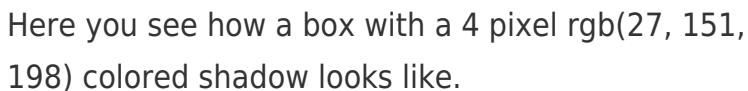
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(27, 151, 198) }
```


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

```
.border{ border-color:rgb(27, 151, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(27, 151, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(27, 151, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(27, 151, 198); box-shadow:4px 4px 4px 4px rgb(27, 151, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7116, 26.4434, 57.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 151, 198) }
```

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

```
.background{ background-color: rgb(27, 151,  
198) }
```

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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