

Converting Colors

XYZ(26.5746, 36.8654, 56.7562)

Have a look what the booklet for
XYZ(26.5746, 36.8654, 56.7562)
contains.

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Color

**XYZ(26.5378, 36.7844,
56.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	1CB4C2
RGB	28, 180, 194
RGB Percent	11%, 71%, 76%
CMY	0.8901, 0.2941, 0.2392
CMYK	0.86, 0.07, 0.00, 0.24
HSL	185°, 75%, 44%
HSV	185°, 86%, 76%
XYZ	26.5378, 36.7844, 56.7404
YIQ	136.1480, -95.0860, -27.8700

Conversions

Conversions Part 2

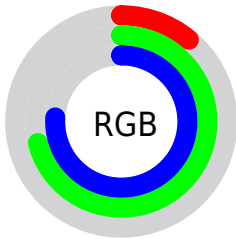
Format	Color
RYB	28, 107, 194
Decimal	1881282
CIELab	67.11, -31.46, -17.64
CIELCh	67, 36.066, 209.285
Yxy	36.7844, 0.2210, 0.3064
Android (android.graphics.Color)	4280071362 (0xFF1CB4C2)
YUV	136.1480, 28.5210, -94.8458
Hunter-Lab	60.6501, -28.0341, -13.0128

Details

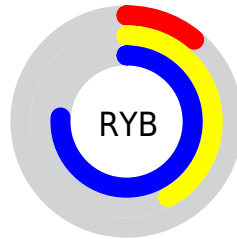
The XYZ color **26.5378, 36.7844, 56.7404** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **23.2870, 13.2108, 2.4225**, and the grayscale version is **23.3820, 24.5996, 26.7890**.

A 20% lighter version of the original color is **53.4351, 70.0812, 101.1532**, and **12.3230, 17.0722, 27.4567** is the 20% darker color. If you saturate the color by 10%, you get **25.8390, 35.9374, 56.6144**, and if you desaturate by 10%, it is **27.5836, 37.8176, 56.8854**.

Distribution



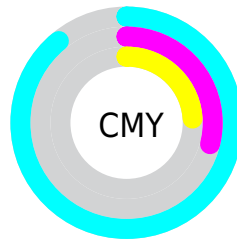
- Red (11%)
- Green (71%)
- Blue (76%)



- Red (11%)
- Yellow (42%)
- Blue (76%)



- Cyan (86%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5378, 36.7844, 56.7404 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 26.5378, 36.7844, 56.7404 by changing the saturation by 10% instead.

■ 26.5378, 36.7844,
56.7404

■ 26.5378, 36.7844,
56.7404

277.6207,
332.3761, 429.9423

■ 17.3612, 25.0406,
40.3889

■ 53.5664, 70.2411,
101.5829

■ 10.5892, 16.1073,
27.5258

■ 72.1492, 92.7227,
130.9109

■ 5.8566, 9.6001,
17.7326

■ 94.5980, 119.5525,
165.4015

■ 2.7979, 5.1346,
10.5907

■ 121.2782,
151.1147, 205.4733

■ 1.0478, 2.3265,
5.6816

■ 152.5553,
187.7938, 251.5447

■ 0.0000, 0.7877,
2.5868

188.7945,

■ 0.0000, 0.0000,

229.9741, 304.0343

0.8857

230.3612,
278.0401, 363.3607

■ 0.0000, 0.0000,
0.0000

■ 26.5378, 36.7844,
56.7404

■ 26.5378, 36.7844,
56.7404

■ 25.8390, 35.9374,
56.6144

■ 27.5836, 37.8176,
56.8854

■ 25.5864, 35.5924,
56.5612

■ 29.0305, 39.0626,
57.0494

■ 30.9263, 40.5448,
57.2356

■ 33.3112, 42.2850,
57.4458

■ 36.2209, 44.3016,
57.6817

■ 39.6877, 46.6114,
57.9448

■ 43.7414, 49.2295,
58.2365

■ 48.4095, 52.1704,
58.5581

■ 53.7180, 55.4473,
58.9108

Harmonies

Analogous

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



25.4313, 36.7844, 39.6760



26.5378, 36.7844, 56.7404



29.8418, 36.7844, 72.0817

Triad

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



26.5378, 36.7844, 56.7404



44.8488, 36.7844, 57.5684



35.0943, 36.7844, 16.7850

Complementary

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



26.5378, 36.7844, 56.7404



23.2870, 13.2108, 2.4225

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.



40.6378, 36.7844, 19.2730



26.5378, 36.7844, 56.7404



46.6193, 36.7844, 40.4303

Square

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



26.5378, 36.7844, 56.7404



40.3861, 36.7844, 72.6412



45.0044, 36.7844, 27.0058



30.0475, 36.7844, 19.0424

Rectangle

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



26.5378, 36.7844, 56.7404



33.0359, 36.7844, 77.7190



45.0044, 36.7844, 27.0058



36.9626, 36.7844, 17.0807

Sweetspot

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



26.5390, 36.7857, 56.7413



71.3244, 84.0671, 104.9372



20.1868, 38.9974, 8.6400



15.1141, 18.0759, 22.9424



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.



26.5390, 36.7857, 56.7413



46.2623, 64.2972, 102.4421



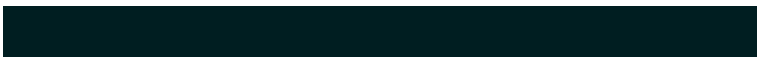
14.5085, 12.7249, 52.7312



10.2935, 11.2784, 12.9193



16.8516, 23.4596, 37.1966



0.7499, 1.0572, 1.6144

Inverse Universe

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



30.9027, 15.5964, 44.5629



54.7542, 26.5580, 77.9588



29.7721, 26.1810, 4.5842



10.4595, 10.2324, 12.5101



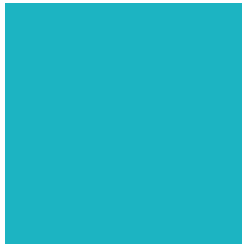
19.9019, 9.6505, 28.4590



0.8709, 0.4214, 1.2876

Previews

White Background



This preview shows how the XYZ color 26.5378, 36.7844, 56.7404 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.5378, 36.7844, 56.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

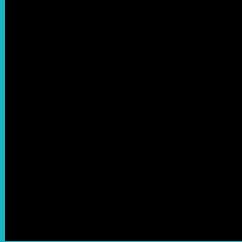
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5378, 36.7844, 56.7404

Background



This preview shows how black text looks on a background with the XYZ color 26.5378, 36.7844, 56.7404.

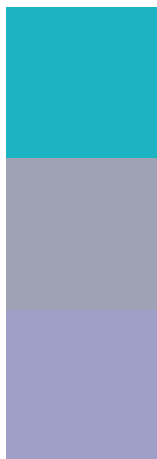


This preview shows how white text looks on a background with the XYZ color 26.5378, 36.7844,

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

26.5378, 36.7844, 56.7404

Protanopia

35.3834, 36.1969, 48.8378

Deuteranopia

37.0050, 36.2907, 59.0873



Tritanopia

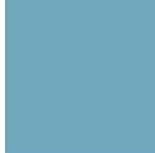
26.6783, 36.8439, 57.3352

Trichromacy



Original Color

26.5378, 36.7844, 56.7404



Protanomaly

29.4211, 34.9299, 51.6459



Deuteranomaly

30.4523, 35.0482, 57.9833



Tritanomaly

26.6783, 36.8439, 57.3352

Monochromacy



Original Color

26.5378, 36.7844, 56.7404



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

22.2438, 27.4322, 36.0209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5378, 36.7844, 56.7404 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(28, 180, 194)` looks like.

```
.text, #text, p{  
    color:rgb(28, 180, 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(28, 180, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 180, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.5378, 36.7844, 56.7404 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(28, 180, 194) }
```


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

```
.border{ border-color:rgb(28, 180, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 180, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 180, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 180, 194);  
box-shadow:4px 4px 4px 4px rgb(28, 180,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5378, 36.7844, 56.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 180, 194) }
```

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

```
.background{ background-color: rgb(28, 180,  
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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