

Converting Colors

XYZ(27.3041, 36.6942, 61.5378)

Have a look what the booklet for
XYZ(27.3041, 36.6942, 61.5378)
contains.

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Color

**XYZ(27.3458, 36.7958,
61.5381)**

Conversions

Conversions Part 1

Format	Color
Hex	1FB3CA
RGB	31, 179, 202
RGB Percent	12%, 70%, 79%
CMY	0.8784, 0.2980, 0.2078
CMYK	0.85, 0.11, 0.00, 0.21
HSL	188°, 73%, 46%
HSV	188°, 85%, 79%
XYZ	27.3458, 36.7958, 61.5381
YIQ	137.3700, -95.5910, -24.2230

Conversions

Conversions Part 2

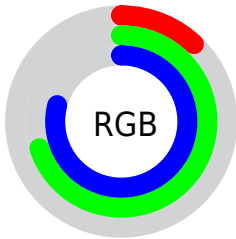
Format	Color
R _Y B	31, 110, 202
Decimal	2077642
CIE Lab	67.12, -28.21, -22.04
CIE LCh	67, 35.800, 218.002
Yxy	36.7958, 0.2176, 0.2928
Android (android.graphics.Color)	4280267722 (0xFF1FB3CA)
YUV	137.3700, 31.8626, -93.2865
Hunter-Lab	60.6595, -25.6850, -17.6870

Details

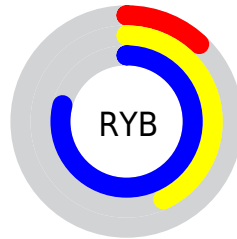
The XYZ color **27.3458, 36.7958, 61.5381** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle washed azure. A complement of this color would be **25.9248, 15.2954, 2.8834**, and the grayscale version is **23.8292, 25.0701, 27.3014**.

A 20% lighter version of the original color is **54.1887, 69.9517, 105.2537**, and **12.8062, 17.0598, 30.6349** is the 20% darker color. If you saturate the color by 10%, you get **26.3778, 35.4970, 61.3391**, and if you desaturate by 10%, it is **28.7076, 38.3149, 61.7603**.

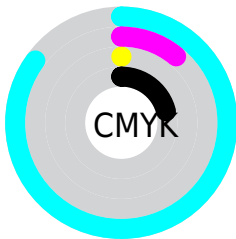
Distribution



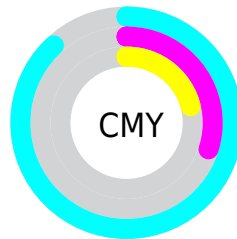
- Red (12%)
- Green (70%)
- Blue (79%)



- Red (12%)
- Yellow (43%)
- Blue (79%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (88%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3458, 36.7958, 61.5381 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 27.3458, 36.7958, 61.5381 by changing the saturation by 10% instead.

■ 27.3458, 36.7958,
61.5381

■ 27.3458, 36.7958,
61.5381

■ 281.4647,
332.4256, 448.2053

■ 17.9710, 25.0494,
44.2262

■ 54.8542, 70.2586,
108.6228

■ 11.0288, 16.1139,
30.5099

■ 73.7186, 92.7438,
139.2327

■ 6.1536, 9.6048,
19.9706

■ 96.4769, 119.5775,
175.1123

■ 2.9803, 5.1377,
12.1898

■ 123.4945,
151.1439, 216.6802

■ 1.1433, 2.3283,
6.7490

■ 155.1367,
187.8276, 264.3549

■ 0.0609, 0.7886,
3.2296

191.7689,

■ 0.0000, 0.0000,

230.0128, 318.5549

1.2130

233.7564,
278.0840, 379.6989

■ 0.0000, 0.0000,
0.0000

■ 27.3458, 36.7958,
61.5381

■ 27.3458, 36.7958,
61.5381

■ 26.3778, 35.4970,
61.3391

■ 28.7076, 38.3149,
61.7603

■ 25.9578, 34.8584,
61.2380

■ 30.5213, 40.0824,
62.0058

■ 32.8392, 42.1258,
62.2781

■ 35.7051, 44.4680,
62.5791

■ 39.1581, 47.1291,
62.9108

■ 43.2338, 50.1276,
63.2747

■ 47.9648, 53.4804,
63.6725

■ 53.3815, 57.2032,
64.1056

■ 59.5122, 61.3107,
64.5753

Harmonies

Analogous

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



25.5853, 36.7958, 44.3907



27.3458, 36.7958, 61.5381



31.1916, 36.7958, 74.8474

Triad

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



27.3458, 36.7958, 61.5381



45.6218, 36.7958, 52.3958



33.5342, 36.7958, 17.0810

Complementary

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



27.3458, 36.7958, 61.5381



25.9248, 15.2954, 2.8834

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.



39.0490, 36.7958, 18.1763



27.3458, 36.7958, 61.5381



46.4157, 36.7958, 36.0287

Square

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



27.3458, 36.7958, 61.5381



41.8330, 36.7958, 68.6852



43.9016, 36.7958, 24.2765



28.9078, 36.7958, 20.7572

Rectangle

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



27.3458, 36.7958, 61.5381



34.6090, 36.7958, 78.1838



43.9016, 36.7958, 24.2765



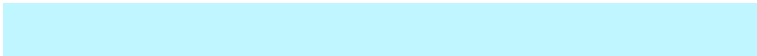
35.3402, 36.7958, 16.9263

Sweetspot

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



27.3470, 36.7971, 61.5390



72.6841, 84.4993, 107.0869



22.3478, 42.7977, 10.5501



15.0105, 17.6881, 22.8729



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.



27.3470, 36.7971, 61.5390



43.8276, 58.7752, 103.6425



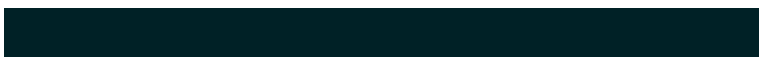
15.2034, 12.5099, 57.4911



11.4096, 12.4596, 14.3740



16.7510, 22.5260, 39.4214



0.9007, 1.2351, 2.0459

Inverse Universe

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



32.9848, 16.7923, 44.1520



54.2513, 26.4645, 70.4467



33.8820, 31.2099, 5.5358



11.6201, 11.3768, 13.8001



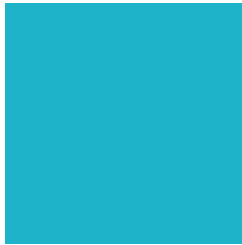
20.6660, 10.0770, 27.0238



1.0846, 0.5272, 1.4912

Previews

White Background



This preview shows how the XYZ color 27.3458, 36.7958, 61.5381 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 27.3458, 36.7958, 61.5381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

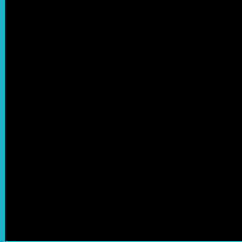
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3458, 36.7958, 61.5381

Background



This preview shows how black text looks on a background with the XYZ color 27.3458, 36.7958, 61.5381.



This preview shows how white text looks on a background with the XYZ color 27.3458, 36.7958,

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

27.3458, 36.7958, 61.5381

Protanopia

35.9438, 36.3755, 53.8419

Deuteranopia

37.0563, 36.2211, 63.4308



Tritanopia

26.4210, 36.7112, 57.3232

Trichromacy



Original Color

27.3458, 36.7958, 61.5381



Protanomaly

30.2958, 35.2798, 56.2519



Deuteranomaly

31.0861, 34.9952, 62.8739



Tritanomaly

26.8677, 36.9019, 59.1328

Monochromacy



Original Color

27.3458, 36.7958, 61.5381



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.6983, 27.6264, 37.8543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3458, 36.7958, 61.5381 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(31, 179, 202)` looks like.

```
.text, #text, p{  
    color:rgb(31, 179, 202)  
}
```

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(31, 179, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 179, 202) }
```

Border

The CSS property to change the border of an element to XYZ 27.3458, 36.7958, 61.5381 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(31, 179, 202) }
```


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

```
.border{ border-color:rgb(31, 179, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 179, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 179, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 179, 202);  
box-shadow:4px 4px 4px 4px rgb(31, 179,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3458, 36.7958, 61.5381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 179, 202) }
```

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

```
.background{ background-color: rgb(31, 179,  
202) }
```

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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