

Converting Colors

XYZ(28.0519, 38.2579, 56.8255)

Have a look what the booklet for
XYZ(28.0519, 38.2579, 56.8255)
contains.

XYZ(28.0411, 38.1632, 56.9272)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.0411, 38.1632,
56.9272)**

Conversions

Conversions Part 1

Format	Color
Hex	37B6C2
RGB	55, 182, 194
RGB Percent	22%, 71%, 76%
CMY	0.7843, 0.2863, 0.2392
CMYK	0.72, 0.06, 0.00, 0.24
HSL	185°, 56%, 49%
HSV	185°, 72%, 76%
XYZ	28.0411, 38.1632, 56.9272
YIQ	145.3950, -79.5440, -23.1920

Conversions

Conversions Part 2

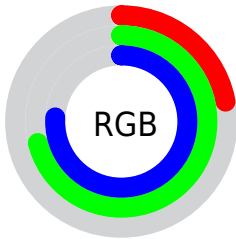
Format	Color
RYB	55, 121, 194
Decimal	3651266
CIELab	68.14, -29.82, -16.05
CIELCh	68, 33.865, 208.290
Yxy	38.1632, 0.2277, 0.3099
Android (android.graphics.Color)	4281841346 (0xFF37B6C2)
YUV	145.3950, 23.9623, -79.2764
Hunter-Lab	61.7764, -27.0852, -11.3925

Details

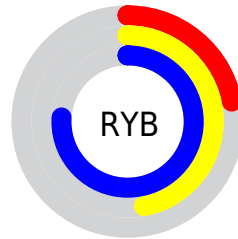
The XYZ color **28.0411, 38.1632, 56.9272** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **24.9458, 15.7606, 5.3428**, and the grayscale version is **27.0045, 28.4109, 30.9394**.

A 20% lighter version of the original color is **55.8559, 72.1888, 101.4324**, and **12.5839, 17.5940, 27.5437** is the 20% darker color. If you saturate the color by 10%, you get **26.8393, 37.0383, 56.7741**, and if you desaturate by 10%, it is **29.6669, 39.5144, 57.1030**.

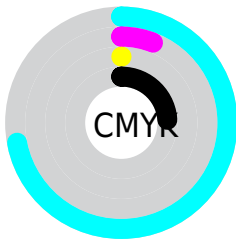
Distribution



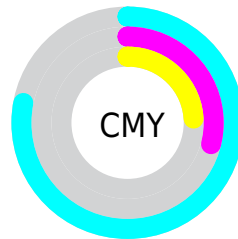
- Red (22%)
- Green (71%)
- Blue (76%)



- Red (22%)
- Yellow (47%)
- Blue (76%)



- Cyan (72%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (78%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0411, 38.1632, 56.9272 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 28.0411, 38.1632, 56.9272 by changing the saturation by 10% instead.

■ 28.0411, 38.1632,
56.9272

■ 28.0411, 38.1632,
56.9272

284.7398,
338.3195, 430.6626

■ 18.4973, 26.1094,
40.5378

■ 55.9582, 72.3582,
101.8582

■ 11.4094, 16.9055,
27.6412

■ 75.0622, 95.2682,
131.2370

■ 6.4122, 10.1671,
17.8187

■ 98.0837, 122.5657,
165.7826

■ 3.1404, 5.5099,
10.6518

■ 125.3879,
154.6351, 205.9136

■ 1.2284, 2.5494,
5.7220

■ 157.3403,
191.8608, 252.0486

■ 0.1286, 0.9013,
2.6107

194.3061,

■ 0.0000, 0.0000,

234.6271, 304.6060

0.8980

236.6508,
283.3186, 364.0045

■ 0.0000, 0.0000,
0.0000

■ 28.0411, 38.1632,
56.9272

■ 28.0411, 38.1632,
56.9272

■ 26.8393, 37.0383,
56.7741

■ 29.6669, 39.5144,
57.1030

■ 26.0057, 36.1085,
56.6386

■ 31.7570, 41.1102,
57.3009

■ 25.5101, 35.4399,
56.5357

■ 34.3508, 42.9717,
57.5235

■ 37.4825, 45.1168,
57.7725

■ 41.1834, 47.5615,
58.0493

■ 45.4825, 50.3207,
58.3553

■ 50.4065, 53.4083,
58.6917

■ 55.9808, 56.8374,
59.0598

■ 62.2291, 60.6202,
59.4606

Harmonies

Analogous

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



27.0349, 38.1632, 40.6910



28.0411, 38.1632, 56.9272



31.1900, 38.1632, 71.5515

Triad

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



28.0411, 38.1632, 56.9272



45.6220, 38.1632, 58.8025



36.5770, 38.1632, 18.7250

Complementary

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



28.0411, 38.1632, 56.9272



24.9458, 15.7606, 5.3428

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.



41.8802, 38.1632, 21.3878



28.0411, 38.1632, 56.9272



47.4069, 38.1632, 42.4276

Square

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



28.0411, 38.1632, 56.9272



41.3049, 38.1632, 72.8061



45.9762, 38.1632, 29.2310



31.6672, 38.1632, 20.8350

Rectangle

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



28.0411, 38.1632, 56.9272



34.2496, 38.1632, 77.0577



45.9762, 38.1632, 29.2310



38.3745, 38.1632, 19.0755

Sweetspot

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



28.0423, 38.1646, 56.9281



74.8396, 86.3157, 105.1859



21.8690, 39.7969, 11.7751



15.9498, 18.6155, 23.0025



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.



28.0423, 38.1646, 56.9281



47.6868, 66.1000, 102.7150



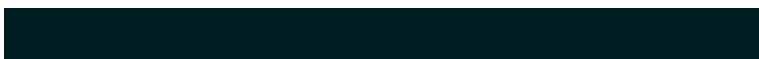
17.2102, 16.5005, 53.3174



10.2918, 11.2749, 12.9187



16.8021, 23.3606, 37.1801



0.7482, 1.0539, 1.6139

Inverse Universe

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



32.0588, 17.5802, 45.9611



55.7287, 27.9257, 80.0755



31.7547, 29.3784, 7.6125



10.4586, 10.2320, 12.5054



19.8769, 9.6405, 28.3274



0.8701, 0.4210, 1.2831

Previews

White Background



This preview shows how the XYZ color 28.0411, 38.1632, 56.9272 looks on a white background.

Color Contrast Check

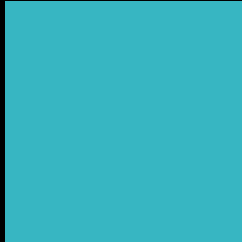
Large Text (above 18pt) WCAG AA × Fail

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 28.0411, 38.1632, 56.9272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

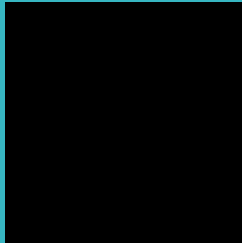
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0411, 38.1632, 56.9272

Background



This preview shows how black text looks on a background with the XYZ color 28.0411, 38.1632, 56.9272.



This preview shows how white text looks on a background with the XYZ color 28.0411, 38.1632,

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

28.0411, 38.1632, 56.9272

Protanopia

36.8232, 37.7148, 49.5949

Deuteranopia

38.3635, 37.5058, 59.2502



Tritanopia

28.3791, 38.3113, 58.1236

Trichromacy



Original Color

28.0411, 38.1632, 56.9272



Protanomaly

31.7380, 36.9561, 51.9148



Deuteranomaly

32.5782, 36.6922, 58.1886



Tritanomaly

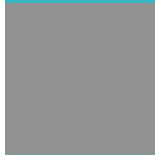
28.2092, 38.2368, 57.5234

Monochromacy



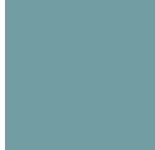
Original Color

28.0411, 38.1632, 56.9272



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.5198, 30.5428, 39.2006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0411, 38.1632, 56.9272 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(55, 182, 194)` looks like.

```
.text, #text, p{  
    color:rgb(55, 182, 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(55, 182, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 182, 194) }
```

Border

The CSS property to change the border of an element to XYZ 28.0411, 38.1632, 56.9272 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(55, 182, 194) }
```


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

```
.border{ border-color:rgb(55, 182, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 182, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(55, 182,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0411, 38.1632, 56.9272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 182, 194) }
```

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

```
.background{ background-color: rgb(55, 182,  
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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