

Converting Colors

XYZ(28.2589, 37.1024, 55.5413)

Have a look what the booklet for
XYZ(28.2589, 37.1024, 55.5413)
contains.

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Color

**XYZ(28.2589, 37.1024,
55.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	4AB2C0
RGB	74, 178, 192
RGB Percent	29%, 70%, 75%
CMY	0.7098, 0.3020, 0.2471
CMYK	0.61, 0.07, 0.00, 0.25
HSL	187°, 48%, 52%
HSV	187°, 61%, 75%
XYZ	28.2589, 37.1024, 55.5413
YIQ	148.5000, -66.4780, -17.6940

Conversions

Conversions Part 2

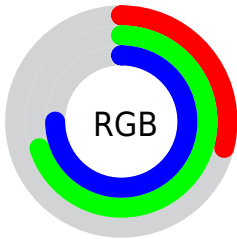
Format	Color
RYB	74, 129, 192
Decimal	4895424
CIELab	67.35, -25.57, -16.09
CIELCh	67, 30.209, 212.179
Yxy	37.1024, 0.2337, 0.3069
Android (android.graphics.Color)	4283085504 (0xFF4AB2C0)
YUV	148.5000, 21.4455, -65.3365
Hunter-Lab	60.9117, -23.7837, -11.4243

Details

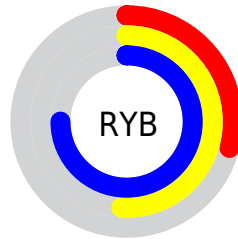
The XYZ color **28.2589, 37.1024, 55.5413** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **26.4650, 18.6815, 8.6908**, and the grayscale version is **28.2915, 29.7648, 32.4139**.

A 20% lighter version of the original color is **56.1976, 70.6913, 99.4898**, and **11.9938, 16.5313, 26.9848** is the 20% darker color. If you saturate the color by 10%, you get **26.5510, 35.5555, 55.3334**, and if you desaturate by 10%, it is **30.4277, 38.8997, 55.7746**.

Distribution



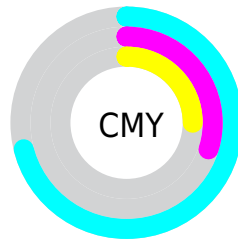
- Red (29%)
- Green (70%)
- Blue (75%)



- Red (29%)
- Yellow (51%)
- Blue (75%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (71%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2589, 37.1024, 55.5413 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 28.2589, 37.1024, 55.5413 by changing the saturation by 10% instead.

■ 28.2589, 37.1024,
55.5413

■ 28.2589, 37.1024,
55.5413

285.7597,
333.7536, 425.3002

■ 18.6624, 25.2868,
39.4337

■ 56.3033, 70.7302,
99.8127

■ 11.5291, 16.2908,
26.7869

■ 75.4818, 93.3113,
128.8136

■ 6.4938, 9.7302,
17.1822

■ 98.5851, 120.2496,
162.9494

■ 3.1911, 5.2204,
10.2012

■ 125.9785,
151.9295, 202.6386

■ 1.2556, 2.3772,
5.4252

158.0272,
188.7355, 248.2997

■ 0.1496, 0.8141,
2.4358

195.0968,

■ 0.0000, 0.0000,

231.0519, 300.3513

0.8058

237.5525,
279.2632, 359.2120

■ 0.0000, 0.0000,
0.0000

■ 28.2589, 37.1024,
55.5413

■ 28.2589, 37.1024,
55.5413

■ 26.5510, 35.5555,
55.3334

■ 30.4277, 38.8997,
55.7746

■ 25.2579, 34.2327,
55.1462

■ 33.0911, 40.9624,
56.0324

■ 24.3301, 33.1093,
54.9783

■ 36.2837, 43.3092,
56.3171

■ 23.7440, 32.2647,
54.8462

■ 40.0359, 45.9558,
56.6301

■ 44.3758, 48.9168,
56.9729

■ 49.3296, 52.2056,
57.3467

■ 54.9219, 55.8352,
57.7525

■ 61.1760, 59.8174,
58.1915

■ 68.1140, 64.1638,
58.6648

Harmonies

Analogous

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



27.1017, 37.1024, 41.3747



28.2589, 37.1024, 55.5413



31.2740, 37.1024, 67.3774

Triad

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



28.2589, 37.1024, 55.5413



43.7314, 37.1024, 53.4924



34.9275, 37.1024, 19.9139

Complementary

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



28.2589, 37.1024, 55.5413



26.4650, 18.6815, 8.6908

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.



39.5813, 37.1024, 21.7963



28.2589, 37.1024, 55.5413



44.9214, 37.1024, 39.4372

Square

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



28.2589, 37.1024, 55.5413



40.2174, 37.1024, 66.0242



43.3421, 37.1024, 28.2928



30.7363, 37.1024, 22.4447

Rectangle

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



28.2589, 37.1024, 55.5413



34.0681, 37.1024, 71.2577



43.3421, 37.1024, 28.2928



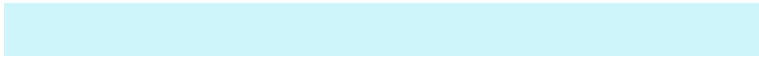
36.4891, 37.1024, 20.0506

Sweetspot

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



28.2601, 37.1038, 55.5422



74.9143, 84.9043, 102.8001



23.4265, 39.8568, 15.6417



15.5989, 17.8889, 22.0161



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



28.2601, 37.1038, 55.5422



47.1505, 63.4840, 100.1288



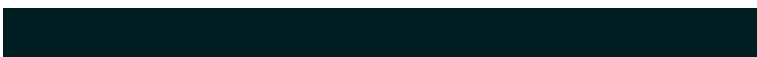
18.9643, 18.5123, 52.4436



10.2633, 11.2178, 12.9092



16.0144, 21.7853, 36.9176



0.7213, 1.0001, 1.6049

Inverse Universe

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



32.2239, 19.3196, 44.1515



55.2755, 29.6824, 76.1862



33.3728, 32.4971, 10.9934



10.4442, 10.2263, 12.4296



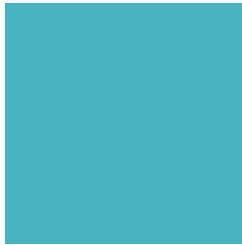
19.4793, 9.4815, 26.2338



0.8565, 0.4156, 1.2116

Previews

White Background



This preview shows how the XYZ color 28.2589, 37.1024, 55.5413 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 28.2589, 37.1024, 55.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

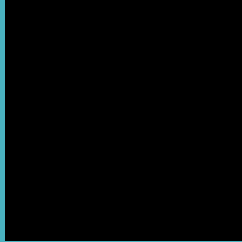
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2589, 37.1024, 55.5413

Background



This preview shows how black text looks on a background with the XYZ color 28.2589, 37.1024, 55.5413.



This preview shows how white text looks on a background with the XYZ color 28.2589, 37.1024,

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

28.2589, 37.1024, 55.5413

Protanopia

35.7580, 36.6504, 48.9057

Deuteranopia

37.2622, 36.4632, 57.2987



Tritanopia

28.2589, 37.1024, 55.5413

Trichromacy



Original Color

28.2589, 37.1024, 55.5413

Protanomaly

31.8128, 36.1752, 51.2047

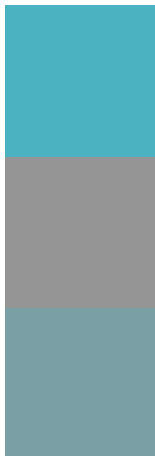
Deuteranomaly

32.6925, 35.9584, 56.8473

Tritanomaly

28.2589, 37.1024, 55.5413

Monochromacy



Original Color

28.2589, 37.1024, 55.5413

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.3884, 31.9958, 40.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2589, 37.1024, 55.5413 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(74, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(74, 178, 192)  
}
```

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(74, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 178, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.2589, 37.1024, 55.5413 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(74, 178, 192) }
```


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

```
.border{ border-color:rgb(74, 178, 192) }
```

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

Here you see how a box with a 4 pixel rgb(74, 178, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(74, 178,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2589, 37.1024, 55.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 178, 192) }
```

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

```
.background{ background-color: rgb(74, 178,  
192) }
```

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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