

Converting Colors

XYZ(28.5989, 36.6320, 55.4289)

Have a look what the booklet for
XYZ(28.5989, 36.6320, 55.4289)
contains.

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Color

**XYZ(28.6070, 36.6954,
55.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	53B0C0
RGB	83, 176, 192
RGB Percent	33%, 69%, 75%
CMY	0.6745, 0.3098, 0.2471
CMYK	0.57, 0.08, 0.00, 0.25
HSL	189°, 46%, 54%
HSV	189°, 57%, 75%
XYZ	28.6070, 36.6954, 55.4443
YIQ	150.0170, -60.5640, -14.7400

Conversions

Conversions Part 2

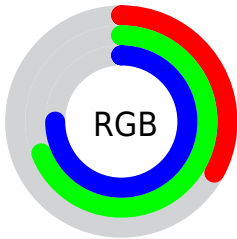
Format	Color
R_{YB}	83, 133, 192
Decimal	5484736
CIE _{Lab}	67.05, -22.89, -16.52
CIE _{LCh}	67, 28.227, 215.829
Yxy	36.6954, 0.2369, 0.3039
Android (android.graphics.Color)	4283674816 (0xFF53B0C0)
YUV	150.0170, 20.6976, -58.7739
Hunter-Lab	60.5767, -21.7137, -11.8629

Details

The XYZ color **28.6070, 36.6954, 55.4443** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **27.7622, 20.7556, 10.7277**, and the grayscale version is **28.9311, 30.4377, 33.1467**.

A 20% lighter version of the original color is **56.7844, 70.1533, 99.3550**, and **11.7432, 16.0300, 26.9013** is the 20% darker color. If you saturate the color by 10%, you get **26.5952, 34.8472, 55.1943**, and if you desaturate by 10%, it is **31.1016, 38.8111, 55.7219**.

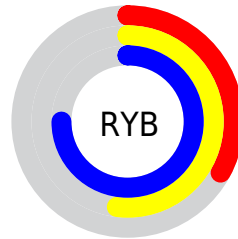
Distribution



Red (33%)

Green (69%)

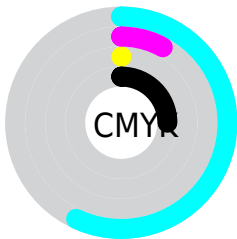
Blue (75%)



Red (33%)

Yellow (52%)

Blue (75%)

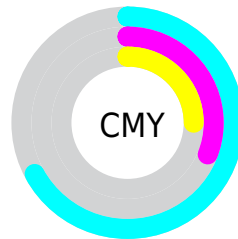


Cyan (57%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (67%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6070, 36.6954, 55.4443 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 28.6070, 36.6954, 55.4443 by changing the saturation by 10% instead.

■ 28.6070, 36.6954,
55.4443

■ 28.6070, 36.6954,
55.4443

287.3839,
331.9899, 424.9232

■ 18.9265, 24.9717,
39.3566

■ 56.8540, 70.1041,
99.6693

■ 11.7209, 16.0560,
26.7273

■ 76.1512, 92.5578,
128.6436

■ 6.6248, 9.5638,
17.1379

■ 99.3847, 119.3571,
162.7505

■ 3.2728, 5.1107,
10.1698

■ 126.9198,
150.8863, 202.4086

■ 1.2996, 2.3124,
5.4046

159.1220,
187.5298, 248.0364

■ 0.1829, 0.7802,
2.4237

196.3565,

■ 0.0000, 0.0000,

229.6719, 300.0524

0.7993

238.9886,
277.6972, 358.8752

■ 0.0000, 0.0000,
0.0000

■ 28.6070, 36.6954,
55.4443

■ 28.6070, 36.6954,
55.4443

■ 26.5952, 34.8472,
55.1943

■ 31.1016, 38.8111,
55.7219

■ 25.0229, 33.2418,
54.9673

■ 34.1108, 41.2084,
56.0260

■ 23.8449, 31.8564,
54.7619

■ 37.6677, 43.9053,
56.3591

■ 22.9987, 30.6588,
54.5754

■ 41.8017, 46.9170,
56.7225

■ 22.7577, 30.2921,
54.5173

■ 46.5400, 50.2577,
57.1176

■ 51.9080, 53.9405,
57.5455

■ 57.9297, 57.9780,
58.0074

■ 64.6278, 62.3818,
58.5044

■ 71.7267, 67.0101,
59.0236

Harmonies

Analogous

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



27.2969, 36.6954, 42.4030



28.6070, 36.6954, 55.4443



31.6074, 36.6954, 65.6223

Triad

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



28.6070, 36.6954, 55.4443



42.9597, 36.6954, 50.4325



34.0467, 36.6954, 20.7566

Complementary

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



28.6070, 36.6954, 55.4443



27.7622, 20.7556, 10.7277

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.



38.3665, 36.6954, 22.0421



28.6070, 36.6954, 55.4443



43.7466, 36.6954, 37.6031

Square

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



28.6070, 36.6954, 55.4443



39.9339, 36.6954, 62.3382



42.0041, 36.6954, 27.6580



30.2677, 36.6954, 23.6959

Rectangle

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



28.6070, 36.6954, 55.4443



34.2812, 36.6954, 68.4590



42.0041, 36.6954, 27.6580



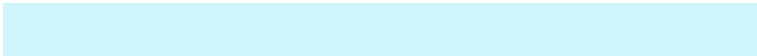
35.4815, 36.6954, 20.7181

Sweetspot

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



28.6081, 36.6968, 55.4452



75.3382, 84.7210, 102.7423



24.6005, 40.4121, 17.9450



15.8213, 17.9298, 22.0122



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.



28.6081, 36.6968, 55.4452



47.4589, 62.4274, 99.9086



20.1616, 19.8036, 52.6296



10.2385, 11.1683, 12.9009



15.3578, 20.4721, 36.6987



0.6986, 0.9547, 1.5973

Inverse Universe

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



32.6689, 20.5286, 43.3163



55.8396, 31.4721, 74.3354



34.5341, 34.2994, 12.9849



10.4317, 10.2213, 12.3638



19.1479, 9.3489, 24.4885



0.8450, 0.4110, 1.1513

Previews

White Background



This preview shows how the XYZ color 28.6070, 36.6954, 55.4443 looks on a white background.

Color Contrast Check

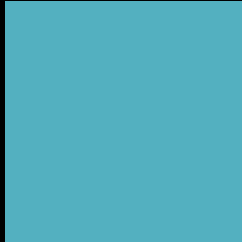
Large Text (above 18pt) WCAG AA × Fail

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 28.6070, 36.6954, 55.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

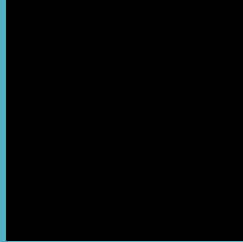
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6070, 36.6954, 55.4443

Background



This preview shows how black text looks on a background with the XYZ color 28.6070, 36.6954, 55.4443.



This preview shows how white text looks on a background with the XYZ color 28.6070, 36.6954,

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

28.6070, 36.6954, 55.4443

Protanopia

35.4864, 36.2381, 49.3803

Deuteranopia

37.0599, 36.3589, 57.2892



Tritanopia

28.4090, 36.6061, 54.8586

Trichromacy



Original Color

28.6070, 36.6954, 55.4443

Protanomaly

31.8592, 35.6429, 51.6550

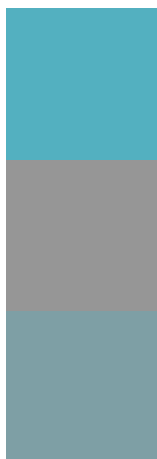
Deuteranomaly

32.9783, 35.8369, 56.8088

Tritanomaly

28.4090, 36.6061, 54.8586

Monochromacy



Original Color

28.6070, 36.6954, 55.4443

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7939, 31.9485, 40.2991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6070, 36.6954, 55.4443 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(83, 176, 192)` looks like.

```
.text, #text, p{  
    color:rgb(83, 176, 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(83, 176, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 176, 192) }
```

Border

The CSS property to change the border of an element to XYZ 28.6070, 36.6954, 55.4443 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(83, 176, 192) }
```


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

```
.border{ border-color:rgb(83, 176, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 176, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 176, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 176, 192);  
box-shadow:4px 4px 4px 4px rgb(83, 176,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6070, 36.6954, 55.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 176, 192) }
```

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

```
.background{ background-color: rgb(83, 176,  
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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