

Converting Colors

XYZ(31.1054, 40.2893, 60.1700)

Have a look what the booklet for
XYZ(31.1054, 40.2893, 60.1700)
contains.

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Color

**XYZ(31.1054, 40.2893,
60.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	54B8C7
RGB	84, 184, 199
RGB Percent	33%, 72%, 78%
CMY	0.6706, 0.2784, 0.2196
CMYK	0.58, 0.08, 0.00, 0.22
HSL	188°, 51%, 55%
HSV	188°, 58%, 78%
XYZ	31.1054, 40.2893, 60.1700
YIQ	155.8100, -64.4150, -16.5350

Conversions

Conversions Part 2

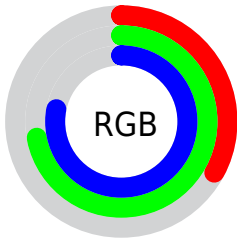
Format	Color
RYB	84, 137, 199
Decimal	5552327
CIELab	69.68, -24.73, -16.41
CIELCh	70, 29.674, 213.567
Yxy	40.2893, 0.2364, 0.3062
Android (android.graphics.Color)	4283742407 (0xFF54B8C7)
YUV	155.8100, 21.2927, -62.9774
Hunter-Lab	63.4739, -23.6052, -11.7722

Details

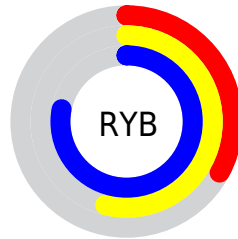
The XYZ color **31.1054, 40.2893, 60.1700** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **29.6161, 21.7068, 11.0175**, and the grayscale version is **31.4451, 33.0827, 36.0271**.

A 20% lighter version of the original color is **60.5378, 75.3798, 105.9668**, and **13.2271, 18.2769, 29.6187** is the 20% darker color. If you saturate the color by 10%, you get **29.0370, 38.4308, 59.9210**, and if you desaturate by 10%, it is **33.6921, 42.4314, 60.4479**.

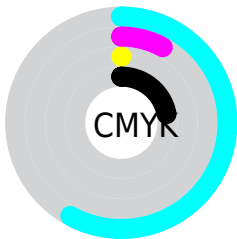
Distribution



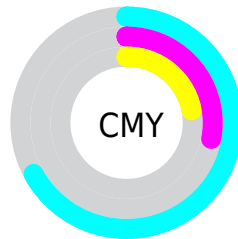
- Red (33%)
- Green (72%)
- Blue (78%)



- Red (33%)
- Yellow (54%)
- Blue (78%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1054, 40.2893, 60.1700 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 31.1054, 40.2893, 60.1700 by changing the saturation by 10% instead.

■ 31.1054, 40.2893,
60.1700

■ 31.1054, 40.2893,
60.1700

■ 298.8418,
347.3414, 443.0461

■ 20.8313, 27.7642,
43.1295

■ 60.7807, 75.6038,
106.6220

■ 13.1125, 18.1480,
29.6546

■ 80.9126, 99.1621,
136.8706

■ 7.5836, 11.0563,
19.3267

■ 105.0612,
127.1668, 172.3590

■ 3.8792, 6.1047,
11.7274

■ 133.5919,
160.0024, 213.5056

■ 1.6340, 2.9088,
6.4381

■ 166.8699,
198.0532, 260.7291

■ 0.4144, 1.0843,
3.0402

■ 205.2607,

■ 0.0000, 0.0000,

241.7038, 314.4480

1.1152

249.1295,
291.3384, 375.0808

■ 0.0000, 0.0000,
0.0000

■ 31.1054, 40.2893,
60.1700

■ 31.1054, 40.2893,
60.1700

■ 29.0370, 38.4308,
59.9210

■ 33.6921, 42.4314,
60.4479

■ 27.4389, 36.8285,
59.6960

■ 36.8323, 44.8728,
60.7536

■ 26.2607, 35.4572,
59.4934

■ 40.5626, 47.6332,
61.0898

■ 25.4270, 34.2779,
59.3097

■ 44.9150, 50.7293,
61.4580

■ 25.2614, 34.0286,
59.2703

■ 49.9197, 54.1765,
61.8596

■ 55.6044, 57.9894,
62.2960

■ 61.9955, 62.1816,
62.7683

■ 69.1178, 66.7660,
63.2778

■ 73.9496, 70.1849,
63.6830

Harmonies

Analogous

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



29.7995, 40.2893, 45.5339



31.1054, 40.2893, 60.1700



34.3297, 40.2893, 72.0563

Triad

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



31.1054, 40.2893, 60.1700



47.1691, 40.2893, 56.7206



37.7222, 40.2893, 22.4185

Complementary

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



31.1054, 40.2893, 60.1700



29.6161, 21.7068, 11.0175

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.



42.5518, 40.2893, 24.1975



31.1054, 40.2893, 60.1700



48.2659, 40.2893, 42.2436

Square

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



31.1054, 40.2893, 60.1700



43.6281, 40.2893, 69.7903



46.5122, 40.2893, 30.8138



33.4130, 40.2893, 25.3208

Rectangle

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



31.1054, 40.2893, 60.1700



37.2688, 40.2893, 75.7330



46.5122, 40.2893, 30.8138



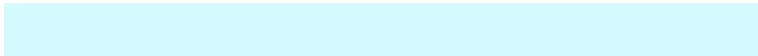
39.3373, 40.2893, 22.4922

Sweetspot

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



31.1067, 40.2908, 60.1710



79.0833, 89.1306, 107.6435



26.2577, 43.6034, 18.4449



16.5724, 18.8292, 23.0109



0.0000, 0.0000, 0.0000



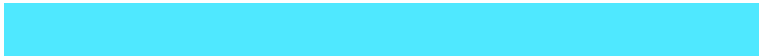
20.3446, 21.4041, 23.3091

Same Dimension

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



31.1067, 40.2908, 60.1710



50.1498, 66.6268, 104.8248



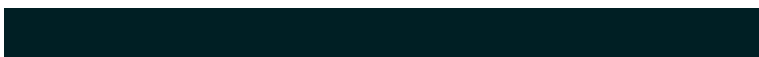
21.6961, 21.4697, 57.0341



10.8242, 11.8224, 13.6289



16.2891, 21.9722, 38.1269



0.8050, 1.1078, 1.8165

Inverse Universe

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



35.3763, 21.9445, 47.7202



58.6124, 32.6883, 79.6028



36.8619, 36.1983, 13.4327



11.0213, 10.7919, 13.0953



20.0213, 9.7581, 26.3859



0.9650, 0.4689, 1.3390

Previews

White Background



This preview shows how the XYZ color 31.1054, 40.2893, 60.1700 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 31.1054, 40.2893, 60.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

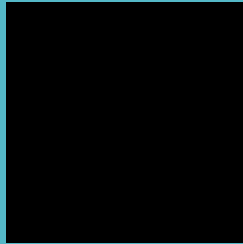
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1054, 40.2893, 60.1700

Background



This preview shows how black text looks on a background with the XYZ color 31.1054, 40.2893, 60.1700.

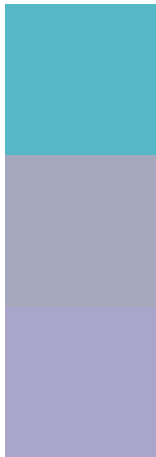


This preview shows how white text looks on a background with the XYZ color 31.1054, 40.2893,

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

31.1054, 40.2893, 60.1700

Protanopia

38.9138, 39.7864, 53.7727

Deuteranopia

40.5968, 39.6571, 62.0148



Tritanopia

31.1054, 40.2893, 60.1700

Trichromacy



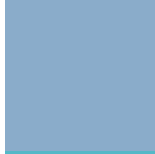
Original Color

31.1054, 40.2893, 60.1700



Protanomaly

34.9150, 39.3566, 56.2084



Deuteranomaly

35.8944, 39.1726, 61.5463



Tritanomaly

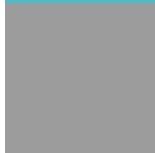
31.1054, 40.2893, 60.1700

Monochromacy



Original Color

31.1054, 40.2893, 60.1700



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

30.2885, 34.9968, 44.1884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1054, 40.2893, 60.1700 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(84, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(84, 184, 199)  
}
```

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(84, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 184, 199) }
```

Border

The CSS property to change the border of an element to XYZ 31.1054, 40.2893, 60.1700 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(84, 184, 199) }
```


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

```
.border{ border-color:rgb(84, 184, 199) }
```

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

Here you see how a box with a 4 pixel rgb(84, 184, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(84, 184,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1054, 40.2893, 60.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 184, 199) }
```

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

```
.background{ background-color: rgb(84, 184,  
199) }
```

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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