

Converting Colors

XYZ(30.6393, 29.3037, 54.7517)

Have a look what the booklet for
XYZ(30.6393, 29.3037, 54.7517)
contains.

XYZ(30.6034, 29.2460, 54.4841)	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(30.6034, 29.2460,
54.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8FC1
RGB	142, 143, 193
RGB Percent	56%, 56%, 76%
CMY	0.4431, 0.4392, 0.2431
CMYK	0.26, 0.26, 0.00, 0.24
HSL	239°, 29%, 66%
HSV	239°, 26%, 76%
XYZ	30.6034, 29.2460, 54.4841
YIQ	148.4010, -16.6460, 15.3380

Conversions

Conversions Part 2

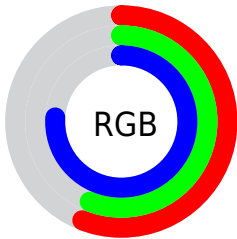
Format	Color
RYB	142, 143, 193
Decimal	9342913
CIELab	61.00, 10.81, -26.03
CIElCh	61, 28.182, 292.558
Yxy	29.2460, 0.2677, 0.2558
Android (android.graphics.Color)	4287532993 (0xFF8E8FC1)
YUV	148.4010, 21.9873, -5.6137
Hunter-Lab	54.0796, 6.3731, -21.8778

Details

The XYZ color **30.6034, 29.2460, 54.4841** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7247, 50.9897, 33.0241**, and the grayscale version is **28.2325, 29.7028, 32.3463**.

A 20% lighter version of the original color is **60.2475, 58.7049, 98.5983**, and **12.7910, 11.8664, 26.0424** is the 20% darker color. If you saturate the color by 10%, you get **24.9695, 22.4752, 53.4746**, and if you desaturate by 10%, it is **37.2917, 37.2728, 55.6814**.

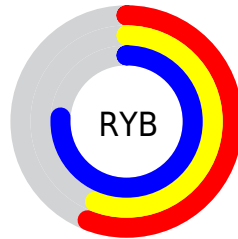
Distribution



Red (56%)

Green (56%)

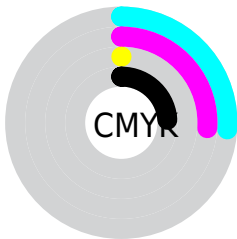
Blue (76%)



Red (56%)

Yellow (56%)

Blue (76%)

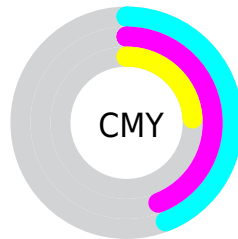


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6034, 29.2460, 54.4841 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 30.6034, 29.2460, 54.4841 by changing the saturation by 10% instead.

■ 30.6034, 29.2460,
54.4841

■ 30.6034, 29.2460,
54.4841

■ 296.5666,
298.3739, 421.1800

■ 20.4474, 19.2670,
38.5930

■ 59.9952, 58.4677,
98.2482

■ 12.8308, 11.8634,
26.1379

■ 79.9617, 78.4792,
126.9584

■ 7.3883, 6.6507,
16.7001

■ 103.9291,
102.6036, 160.7786

■ 3.7546, 3.2446,
9.8612

■ 132.2627,
131.2254, 200.1274

■ 1.5643, 1.2607,
5.2026

■ 165.3279,
164.7289, 245.4235

■ 0.3689, 0.1105,
2.3058

■ 203.4901,

■ 0.0000, 0.0000,

203.4986, 297.0852

0.7345

247.1145,
247.9188, 355.5312

■ 0.0000, 0.0000,
0.0000

■ 30.6034, 29.2460,
54.4841

■ 30.6034, 29.2460,
54.4841

■ 24.9695, 22.4752,
53.4746

■ 37.2917, 37.2728,
55.6814

■ 20.3334, 16.8936,
52.6416

■ 45.0811, 46.6110,
57.0733

■ 16.6380, 12.4337,
51.9756

■ 54.0194, 57.3168,
58.6687

■ 13.8187, 9.0196,
51.4652

■ 64.1503, 69.4422,
60.4751

■ 11.8034, 6.5662,
51.0978

■ 75.5155, 83.0363,
62.5000

■ 10.5080, 4.9748,
50.8589

■ 86.6257, 96.6303,
64.5384

■ 9.8267, 4.1241,
50.7306

■ 9.6668, 3.9325,
50.7021

Harmonies

Analogous

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



26.8903, 29.2460, 56.4833



30.6034, 29.2460, 54.4841



33.8073, 29.2460, 45.8331

Triad

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



30.6034, 29.2460, 54.4841



32.3286, 29.2460, 18.3036



21.3505, 29.2460, 29.2888

Complementary

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



30.6034, 29.2460, 54.4841



45.7247, 50.9897, 33.0241

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.



22.5457, 29.2460, 21.0372



30.6034, 29.2460, 54.4841



28.7247, 29.2460, 15.6706

Square

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



30.6034, 29.2460, 54.4841



34.8631, 29.2460, 24.6804



25.1685, 29.2460, 16.5471



21.7574, 29.2460, 40.2746

Rectangle

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



30.6034, 29.2460, 54.4841



35.1152, 29.2460, 38.3177



25.1685, 29.2460, 16.5471



21.5743, 29.2460, 26.1437

Sweetspot

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



30.6044, 29.2472, 54.4848



78.2238, 80.4646, 101.7687



39.6629, 47.6661, 56.5740



16.3104, 16.6975, 21.7486



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.



30.6044, 29.2472, 54.4848



48.4604, 44.7501, 96.4438



34.9833, 31.2825, 54.6468



9.5438, 9.7789, 12.6693



6.4364, 2.6293, 33.7249



0.2837, 0.1248, 1.4590

Inverse Universe

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



36.6240, 32.6675, 30.3631



61.1491, 51.9889, 45.5913



40.3582, 48.5506, 32.8361



10.0810, 10.0810, 10.5173



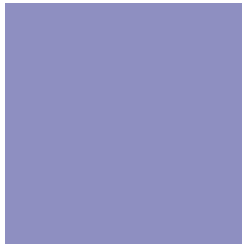
14.6448, 7.5477, 0.7755



0.6356, 0.3272, 0.0484

Previews

White Background



This preview shows how the XYZ color 30.6034, 29.2460, 54.4841 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6034, 29.2460, 54.4841 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 × Fail

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

XYZ 30.6034, 29.2460, 54.4841

Background



This preview shows how black text looks on a background with the XYZ color 30.6034, 29.2460, 54.4841.



This preview shows how white text looks on a background with the XYZ color 30.6034, 29.2460,

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

30.6034, 29.2460, 54.4841

Protanopia

29.6486, 29.1775, 55.6989

Deuteranopia

30.0676, 29.4194, 54.5459



Tritanopia

27.3338, 29.3023, 37.9335

Trichromacy



Original Color

30.6034, 29.2460, 54.4841

Protanomaly

29.8642, 29.0758, 55.0771

Deuteranomaly

30.2464, 29.2857, 54.5106

Tritanomaly

28.4578, 29.2878, 43.6884

Monochromacy



Original Color

30.6034, 29.2460, 54.4841

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8338, 29.3491, 39.2672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6034, 29.2460, 54.4841 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(142, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(142, 143, 193)  
}
```

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(142, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 143, 193) }
```

Border

The CSS property to change the border of an element to XYZ 30.6034, 29.2460, 54.4841 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(142, 143, 193) }
```


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

```
.border{ border-color:rgb(142, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(142, 143,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6034, 29.2460, 54.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 143, 193) }
```

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

```
.background{ background-color: rgb(142,  
143, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor