

Converting Colors

XYZ(30.8955, 30.0994, 54.2503)

Have a look what the booklet for
XYZ(30.8955, 30.0994, 54.2503)
contains.

XYZ(30.7778, 30.0263, 54.0427)	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(30.7778, 30.0263,
54.0427)**

Conversions

Conversions Part 1

Format	Color
Hex	8D92C0
RGB	141, 146, 192
RGB Percent	55%, 57%, 75%
CMY	0.4471, 0.4274, 0.2471
CMYK	0.27, 0.24, 0.00, 0.25
HSL	234°, 29%, 65%
HSV	234°, 27%, 75%
XYZ	30.7778, 30.0263, 54.0427
YIQ	149.7490, -17.7460, 13.2460

Conversions

Conversions Part 2

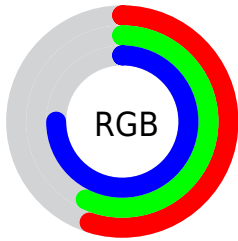
Format	Color
R_{YB}	141, 146, 192
Decimal	9278144
CIE _{Lab}	61.68, 8.54, -24.43
CIE _{LCh}	62, 25.874, 289.261
Yxy	30.0263, 0.2680, 0.2614
Android (android.graphics.Color)	4287468224 (0xFF8D92C0)
YUV	149.7490, 20.8297, -7.6729
Hunter-Lab	54.7963, 4.3659, -20.1173

Details

The XYZ color **30.7778, 30.0263, 54.0427** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3166, 48.6703, 32.2587**, and the grayscale version is **28.8039, 30.3039, 33.0010**.

A 20% lighter version of the original color is **60.2588, 59.7502, 97.9795**, and **12.8901, 12.3246, 25.7443** is the 20% darker color. If you saturate the color by 10%, you get **25.3215, 23.5469, 53.0801**, and if you desaturate by 10%, it is **37.2064, 37.6086, 55.1679**.

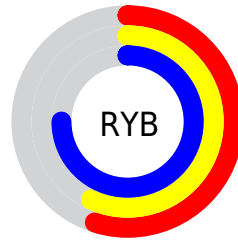
Distribution



Red (55%)

Green (57%)

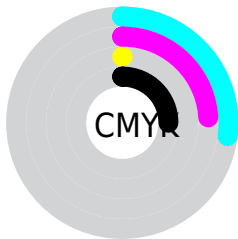
Blue (75%)



Red (55%)

Yellow (57%)

Blue (75%)

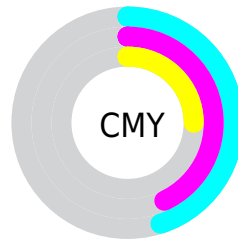


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7778, 30.0263, 54.0427 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 30.7778, 30.0263, 54.0427 by changing the saturation by 10% instead.

■ 30.7778, 30.0263,
54.0427

■ 30.7778, 30.0263,
54.0427

■ 297.3585,
302.0270, 419.4520

■ 20.5807, 19.8586,
38.2424

■ 60.2683, 59.7038,
97.5940

■ 12.9286, 12.2923,
25.8676

■ 80.2924, 79.9823,
126.1820

■ 7.4560, 6.9430,
16.4997

■ 104.3229,
104.3998, 159.8697

■ 3.7978, 3.4265,
9.7203

■ 132.7251,
133.3408, 199.0756

■ 1.5884, 1.3582,
5.1107

■ 165.8644,
167.1896, 244.2183

■ 0.3848, 0.1856,
2.2525

■ 204.1062,

■ 0.0000, 0.0000,

206.3307, 295.7162

0.7044

247.8158,
251.1483, 353.9879

■ 0.0000, 0.0000,
0.0000

■ 30.7778, 30.0263,
54.0427

■ 30.7778, 30.0263,
54.0427

■ 25.3215, 23.5469,
53.0801

■ 37.2064, 37.6086,
55.1679

■ 20.7873, 18.1154,
52.2707

■ 44.6484, 46.3381,
56.4607

■ 17.1247, 13.6777,
51.6072

■ 53.1461, 56.2612,
57.9281

■ 14.2774, 10.1732,
51.0808

■ 62.7388, 67.4204,
59.5765

■ 12.1823, 7.5347,
50.6820

■ 73.4633, 79.8564,
61.4116

■ 10.7670, 5.6858,
50.3997

■ 84.9112, 93.3791,
63.4184

■ 9.9402, 4.5344,
50.2210

■ 86.5145, 96.5858,
63.9528

■ 9.7445, 4.2658,
50.1795

Harmonies

Analogous

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



27.3239, 30.0263, 55.0680



30.7778, 30.0263, 54.0427



33.8516, 30.0263, 46.6846

Triad

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



30.7778, 30.0263, 54.0427



33.0785, 30.0263, 20.3352



22.5196, 30.0263, 29.2883

Complementary

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



30.7778, 30.0263, 54.0427



44.3166, 48.6703, 32.2587

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.



23.8137, 30.0263, 21.8209



30.7778, 30.0263, 54.0427



29.7898, 30.0263, 17.3866

Square

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



30.7778, 30.0263, 54.0427



35.2519, 30.0263, 26.8327



26.4117, 30.0263, 17.8694



22.7376, 30.0263, 39.3511

Rectangle

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



30.7778, 30.0263, 54.0427



35.1848, 30.0263, 39.8731



26.4117, 30.0263, 17.8694



22.7878, 30.0263, 26.4321

Sweetspot

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



30.7788, 30.0275, 54.0434



78.6629, 81.3429, 101.9151



38.7938, 46.9462, 53.9751



16.4199, 16.9167, 21.7851



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.



30.7788, 30.0275, 54.0434



49.6780, 47.1853, 96.8496



33.8187, 30.4750, 53.9696



9.6060, 9.9033, 12.6901



6.5839, 2.9242, 33.7740



0.3119, 0.1812, 1.4684

Inverse Universe

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



36.4522, 32.3324, 31.5150



61.7637, 52.2348, 48.8276



40.5836, 48.3485, 32.3933



10.1124, 10.0936, 10.6826



14.7192, 7.5774, 1.1674



0.6498, 0.3329, 0.1234

Previews

White Background



This preview shows how the XYZ color 30.7778, 30.0263, 54.0427 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 30.7778, 30.0263, 54.0427 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 30.7778, 30.0263, 54.0427

Background



This preview shows how black text looks on a background with the XYZ color 30.7778, 30.0263, 54.0427.



This preview shows how white text looks on a background with the XYZ color 30.7778, 30.0263,

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

30.7778, 30.0263, 54.0427

Protanopia

30.3759, 30.0361, 54.6486

Deuteranopia

30.6085, 29.9390, 54.0347



Tritanopia

27.6691, 29.9285, 38.9688

Trichromacy



Original Color

30.7778, 30.0263, 54.0427

Protanomaly

30.5406, 30.1210, 54.6563

Deuteranomaly

30.6085, 29.9390, 54.0347

Tritanomaly

28.7040, 29.8692, 44.2969

Monochromacy



Original Color

30.7778, 30.0263, 54.0427

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5716, 30.4145, 39.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7778, 30.0263, 54.0427 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(141, 146, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 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(141, 146, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.7778, 30.0263, 54.0427 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(141, 146, 192) }
```


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

```
.border{ border-color:rgb(141, 146, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 146, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 146, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 146, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 146,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7778, 30.0263, 54.0427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 192) }
```

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

```
.background{ background-color: rgb(141,  
146, 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](#).

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