

Converting Colors

XYZ(30.9102, 29.6831, 54.7717)

Have a look what the booklet for
XYZ(30.9102, 29.6831, 54.7717)
contains.

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Color

**XYZ(30.7542, 29.5476,
54.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	8E90C1
RGB	142, 144, 193
RGB Percent	56%, 56%, 76%
CMY	0.4431, 0.4353, 0.2431
CMYK	0.26, 0.25, 0.00, 0.24
HSL	238°, 29%, 66%
HSV	238°, 26%, 76%
XYZ	30.7542, 29.5476, 54.5344
YIQ	148.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

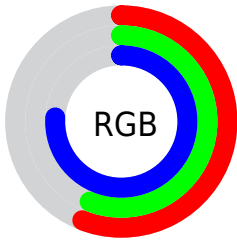
Format	Color
RYB	142, 144, 193
Decimal	9343169
CIELab	61.26, 10.24, -25.62
CIElCh	61, 27.589, 291.779
Yxy	29.5476, 0.2678, 0.2573
Android (android.graphics.Color)	4287533249 (0xFF8E90C1)
YUV	148.9880, 21.6979, -6.1285
Hunter-Lab	54.3577, 5.8648, -21.4323

Details

The XYZ color **30.7542, 29.5476, 54.5344** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5059, 50.5521, 32.9511**, and the grayscale version is **28.4796, 29.9627, 32.6294**.

A 20% lighter version of the original color is **60.4754, 59.1606, 98.6742**, and **12.8794, 12.0431, 26.0718** is the 20% darker color. If you saturate the color by 10%, you get **25.1436, 22.8234, 53.5327**, and if you desaturate by 10%, it is **37.4014, 37.4922, 55.7180**.

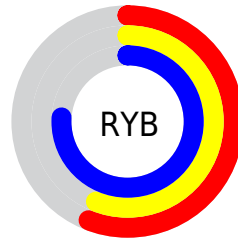
Distribution



Red (56%)

Green (56%)

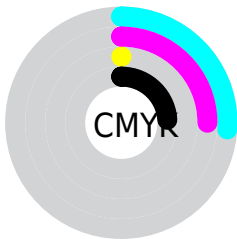
Blue (76%)



Red (56%)

Yellow (56%)

Blue (76%)

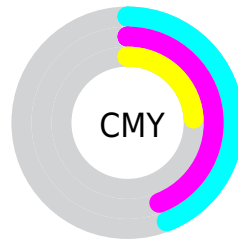


Cyan (26%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7542, 29.5476, 54.5344 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 30.7542, 29.5476, 54.5344 by changing the saturation by 10% instead.

■ 30.7542, 29.5476,
54.5344

■ 30.7542, 29.5476,
54.5344

297.2515,
299.7900, 421.3767

■ 20.5627, 19.4955,
38.6330

■ 60.2314, 58.9460,
98.3227

■ 12.9153, 12.0288,
26.1687

■ 80.2477, 79.0610,
127.0468

■ 7.4469, 6.7633,
16.7230

■ 104.2696,
103.2992, 160.8821

■ 3.7919, 3.3145,
9.8773

132.6626,
132.0448, 200.2472

■ 1.5851, 1.2981,
5.2132

165.7919,
165.6823, 245.5606

■ 0.3827, 0.1397,
2.3119

204.0229,

■ 0.0000, 0.0000,

204.5961, 297.2410

0.7379

247.7210,
249.1705, 355.7069

■ 0.0000, 0.0000,
0.0000

■ 30.7542, 29.5476,
54.5344

■ 30.7542, 29.5476,
54.5344

■ 25.1436, 22.8234,
53.5327

■ 37.4014, 37.4922,
55.7180

■ 20.5146, 17.2559,
52.7021

■ 45.1306, 46.7099,
57.0898

■ 16.8116, 12.7810,
52.0335

■ 53.9881, 57.2543,
58.6583

■ 13.9723, 9.3267,
51.5164

■ 64.0167, 69.1750,
60.4306

■ 11.9266, 6.8127,
51.1389

■ 75.2569, 82.5191,
62.4139

■ 10.5938, 5.1463,
50.8875

■ 86.6257, 96.6303,
64.5384

■ 9.8719, 4.2144,
50.7457

■ 9.7079, 4.0147,
50.7158

Harmonies

Analogous

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



27.0978, 29.5476, 56.2892



30.7542, 29.5476, 54.5344



33.9323, 29.5476, 46.1925

Triad

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



30.7542, 29.5476, 54.5344



32.6277, 29.5476, 18.8845



21.7269, 29.5476, 29.3976

Complementary

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



30.7542, 29.5476, 54.5344



45.5059, 50.5521, 32.9511

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.



22.9497, 29.5476, 21.3217



30.7542, 29.5476, 54.5344



29.0941, 29.5476, 16.1663

Square

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



30.7542, 29.5476, 54.5344



35.0772, 29.5476, 25.3110



25.5732, 29.5476, 16.9506



22.0883, 29.5476, 40.1735

Rectangle

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



30.7542, 29.5476, 54.5344



35.2494, 29.5476, 38.8364



25.5732, 29.5476, 16.9506



21.9623, 29.5476, 26.3178

Sweetspot

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



30.7552, 29.5488, 54.5351



78.3332, 80.6835, 101.8052



39.5695, 47.6287, 56.0817



16.3376, 16.7521, 21.7577



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.



30.7552, 29.5488, 54.5351



48.7595, 45.3483, 96.5435



34.8060, 31.1910, 54.6386



9.5593, 9.8099, 12.6745



6.4706, 2.6977, 33.7363



0.2907, 0.1389, 1.4614

Inverse Universe

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



36.7001, 32.6979, 30.7639



61.3001, 52.0493, 46.3863



40.5415, 48.6451, 32.8447



10.0889, 10.0842, 10.5585



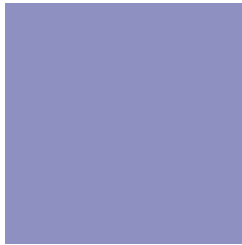
14.6620, 7.5546, 0.8664



0.6391, 0.3287, 0.0671

Previews

White Background



This preview shows how the XYZ color 30.7542, 29.5476, 54.5344 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 30.7542, 29.5476, 54.5344 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 30.7542, 29.5476, 54.5344

Background



This preview shows how black text looks on a background with the XYZ color 30.7542, 29.5476, 54.5344.



This preview shows how white text looks on a background with the XYZ color 30.7542, 29.5476,

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

30.7542, 29.5476, 54.5344

Protanopia

30.0082, 29.6037, 55.1714

Deuteranopia

30.2323, 29.5043, 54.5536



Tritanopia

27.5813, 29.6556, 38.4528

Trichromacy



Original Color

30.7542, 29.5476, 54.5344

Protanomaly

30.3442, 29.5491, 55.1432

Deuteranomaly

30.3985, 29.5900, 54.5613

Tritanomaly

28.6140, 29.6002, 43.7405

Monochromacy



Original Color

30.7542, 29.5476, 54.5344

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0793, 29.6950, 39.7964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7542, 29.5476, 54.5344 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, 144, 193)` looks like.

```
.text, #text, p{  
    color:rgb(142, 144, 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, 144, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 144, 193) }
```

Border

The CSS property to change the border of an element to XYZ 30.7542, 29.5476, 54.5344 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, 144, 193) }
```


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

```
.border{ border-color:rgb(142, 144, 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, 144, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 144, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 144, 193);  
box-shadow:4px 4px 4px 4px rgb(142, 144,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7542, 29.5476, 54.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 144, 193) }
```

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

```
.background{ background-color: rgb(142,  
144, 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](#).

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