

Converting Colors

XYZ(30.0882, 30.2541, 54.1236)

Have a look what the booklet for
XYZ(30.0882, 30.2541, 54.1236)
contains.

- XYZ(30.0934, 30.3690, 54.1449) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(30.0934, 30.3690,
54.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	8695C0
RGB	134, 149, 192
RGB Percent	53%, 58%, 75%
CMY	0.4745, 0.4157, 0.2471
CMYK	0.30, 0.22, 0.00, 0.25
HSL	224°, 32%, 64%
HSV	224°, 30%, 75%
XYZ	30.0934, 30.3690, 54.1449
YIQ	149.4170, -22.7430, 10.1930

Conversions

Conversions Part 2

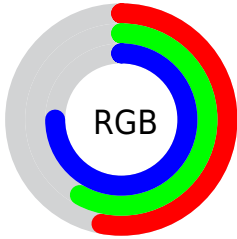
Format	Color
RYB	134, 146, 192
Decimal	8820160
CIELab	61.97, 4.70, -24.02
CIElCh	62, 24.474, 281.077
Yxy	30.3690, 0.2626, 0.2650
Android (android.graphics.Color)	4287010240 (0xFF8695C0)
YUV	149.4170, 20.9934, -13.5207
Hunter-Lab	55.1081, 1.0361, -19.6781

Details

The XYZ color **30.0934, 30.3690, 54.1449** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7640, 44.3724, 28.9188**, and the grayscale version is **28.6646, 30.1574, 32.8414**.

A 20% lighter version of the original color is **59.1939, 60.2428, 98.1307**, and **12.4348, 12.3642, 25.7759** is the 20% darker color. If you saturate the color by 10%, you get **25.1906, 24.7007, 53.3097**, and if you desaturate by 10%, it is **35.8291, 36.8766, 55.0992**.

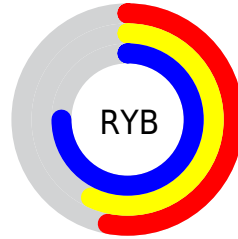
Distribution



Red (53%)

Green (58%)

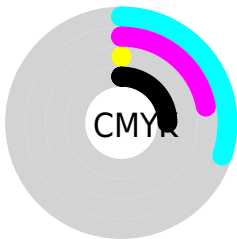
Blue (75%)



Red (53%)

Yellow (57%)

Blue (75%)

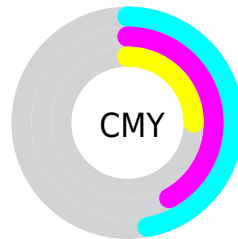


Cyan (30%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0934, 30.3690, 54.1449 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 30.0934, 30.3690, 54.1449 by changing the saturation by 10% instead.

■ 30.0934, 30.3690,
54.1449

■ 30.0934, 30.3690,
54.1449

294.2416,
303.6207, 419.8525

■ 20.0579, 20.1188,
38.3236

■ 59.1955, 60.2452,
97.7455

■ 12.5457, 12.4815,
25.9301

■ 78.9928, 80.6401,
126.3619

■ 7.1913, 7.0725,
16.5461

■ 102.7747,
105.1853, 160.0803

■ 3.6294, 3.5075,
9.7529

130.9067,
134.2653, 199.3193

■ 1.4947, 1.4021,
5.1320

163.7540,
168.2645, 244.4975

■ 0.3222, 0.2182,
2.2648

201.6820,

■ 0.0000, 0.0000,

207.5671, 296.0335

0.7114

245.0561,
252.5577, 354.3456

■ 0.0000, 0.0000,
0.0000

■ 30.0934, 30.3690,
54.1449

■ 30.0934, 30.3690,
54.1449

■ 25.1906, 24.7007,
53.3097

■ 35.8291, 36.8766,
55.0992

■ 21.0776, 19.8329,
52.5869

■ 42.4318, 44.2530,
56.1750

■ 17.7121, 15.7289,
51.9722

■ 49.9375, 52.5308,
57.3772

■ 15.0463, 12.3473,
51.4600

■ 58.3790, 61.7395,
58.7097

■ 13.0264, 9.6428,
51.0444

■ 67.7877, 71.9074,
60.1764

■ 11.5900, 7.5638,
50.7188

■ 78.1933, 83.0616,
61.7810

■ 10.6406, 6.0579,
50.4782

■ 84.5200, 92.5968,
63.2880

■ 86.5145, 96.5858,
63.9528

Harmonies

Analogous

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



26.8678, 30.3690, 53.2612



30.0934, 30.3690, 54.1449



33.2097, 30.3690, 48.6343

Triad

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



30.0934, 30.3690, 54.1449



33.8841, 30.3690, 22.5631



23.3012, 30.3690, 27.5490

Complementary

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



30.0934, 30.3690, 54.1449



41.7640, 44.3724, 28.9188

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.



24.9165, 30.3690, 21.2357



30.0934, 30.3690, 54.1449



30.9585, 30.3690, 18.7562

Square

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



30.0934, 30.3690, 54.1449



35.5060, 30.3690, 29.7168



27.6701, 30.3690, 18.3214



23.1081, 30.3690, 36.6592

Rectangle

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



30.0934, 30.3690, 54.1449



34.7435, 30.3690, 42.5925



27.6701, 30.3690, 18.3214



23.6898, 30.3690, 25.0789

Sweetspot

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



30.0944, 30.3702, 54.1456



78.2503, 81.6992, 102.0056



36.5713, 45.9240, 48.2890



16.3833, 17.0791, 21.8184



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.



30.0944, 30.3702, 54.1456



48.6996, 48.3139, 97.1191



30.1689, 27.1094, 53.5123



9.7354, 10.1621, 12.7332



7.2143, 4.1850, 33.9842



0.3697, 0.2968, 1.4877

Inverse Universe

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



35.6890, 30.4275, 32.4271



60.5167, 48.8523, 51.1508



41.6208, 48.9414, 29.8082



10.1777, 10.1197, 11.0265



15.0374, 7.7047, 2.8430



0.6790, 0.3446, 0.2769

Previews

White Background



This preview shows how the XYZ color 30.0934, 30.3690, 54.1449 looks on a white background.

Color Contrast Check

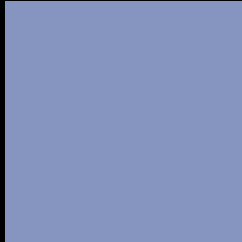
Large Text (above 18pt) WCAG AA × Fail

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 30.0934, 30.3690, 54.1449 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

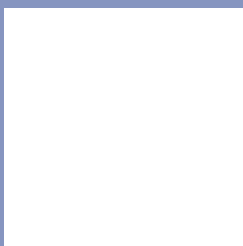
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0934, 30.3690, 54.1449

Background



This preview shows how black text looks on a background with the XYZ color 30.0934, 30.3690, 54.1449.



This preview shows how white text looks on a background with the XYZ color 30.0934, 30.3690,

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

30.0934, 30.3690, 54.1449

Protanopia

30.4751, 30.3447, 53.5411

Deuteranopia

30.9327, 30.3359, 54.0943



Tritanopia

27.3406, 30.4536, 40.5135

Trichromacy



Original Color

30.0934, 30.3690, 54.1449

Protanomaly

30.3104, 30.2598, 53.5334

Deuteranomaly

30.5856, 30.3889, 54.1228

Tritanomaly

28.1720, 30.2974, 44.9206

Monochromacy



Original Color

30.0934, 30.3690, 54.1449

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0406, 30.1408, 39.8845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0934, 30.3690, 54.1449 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(134, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 149, 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(134, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 149, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.0934, 30.3690, 54.1449 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(134, 149, 192) }
```


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

```
.border{ border-color:rgb(134, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 149,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0934, 30.3690, 54.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 149, 192) }
```

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

```
.background{ background-color: rgb(134,  
149, 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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