

Converting Colors

XYZ(30.9091, 30.4365, 54.6984)

Have a look what the booklet for
XYZ(30.9091, 30.4365, 54.6984)
contains.

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Color

**XYZ(31.0308, 30.6055,
54.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	8C94C1
RGB	140, 148, 193
RGB Percent	55%, 58%, 76%
CMY	0.4510, 0.4196, 0.2431
CMYK	0.27, 0.23, 0.00, 0.24
HSL	231°, 30%, 65%
HSV	231°, 27%, 76%
XYZ	31.0308, 30.6055, 54.7240
YIQ	150.7380, -19.2130, 12.2990

Conversions

Conversions Part 2

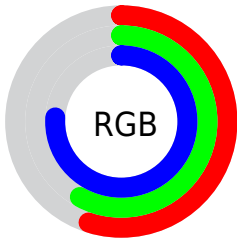
Format	Color
R _Y B	140, 147, 193
Decimal	9213121
CIE Lab	62.17, 7.33, -24.23
CIE LCh	62, 25.318, 286.839
Yxy	30.6055, 0.2667, 0.2630
Android (android.graphics.Color)	4287403201 (0xFF8C94C1)
YUV	150.7380, 20.8352, -9.4172
Hunter-Lab	55.3222, 3.3085, -19.9233

Details

The XYZ color **31.0308, 30.6055, 54.7240** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.0755, 47.9294, 31.7403**, and the grayscale version is **29.2240, 30.7459, 33.4823**.

A 20% lighter version of the original color is **60.6240, 60.6125, 98.9466**, and **13.0524, 12.6742, 26.1845** is the 20% darker color. If you saturate the color by 10%, you get **25.6686, 24.2924, 53.7886**, and if you desaturate by 10%, it is **37.3293, 37.9428, 55.8088**.

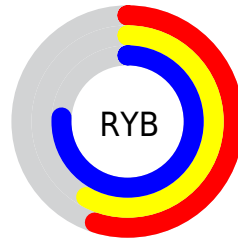
Distribution



Red (55%)

Green (58%)

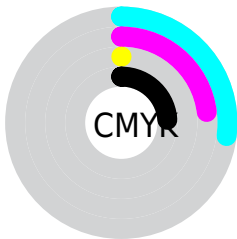
Blue (76%)



Red (55%)

Yellow (58%)

Blue (76%)

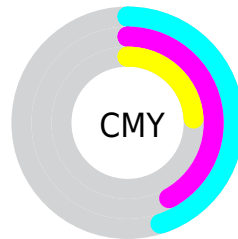


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (45%)

Magenta (42%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0308, 30.6055, 54.7240 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 31.0308, 30.6055, 54.7240 by changing the saturation by 10% instead.

■ 31.0308, 30.6055,
54.7240

■ 31.0308, 30.6055,
54.7240

298.5045,
304.7167, 422.1173

■ 20.7742, 20.2986,
38.7837

■ 60.6641, 60.6184,
98.6035

■ 13.0706, 12.6123,
26.2850

■ 80.7715, 81.0933,
127.3799

■ 7.5545, 7.1621,
16.8093

■ 104.8933,
105.7263, 161.2719

■ 3.8606, 3.5637,
9.9381

133.3947,
134.9017, 200.6983

■ 1.6236, 1.4326,
5.2528

166.6412,
169.0041, 246.0774

■ 0.4077, 0.2406,
2.3350

204.9981,

■ 0.0000, 0.0000,

208.4178, 297.8280

0.7508

248.8308,
253.5272, 356.3684

■ 0.0000, 0.0000,
0.0000

■ 31.0308, 30.6055,
54.7240

■ 31.0308, 30.6055,
54.7240

■ 25.6686, 24.2924,
53.7886

■ 37.3293, 37.9428,
55.8088

■ 21.1947, 18.9542,
52.9940

■ 44.6030, 46.3437,
57.0470

■ 17.5613, 14.5426,
52.3340

■ 52.8922, 55.8495,
58.4449

■ 14.7148, 11.0041,
51.8010

■ 62.2343, 66.4988,
60.0080

■ 12.5955, 8.2793,
51.3868

■ 72.6644, 78.3278,
61.7415

■ 11.1343, 6.3011,
51.0820

■ 83.9200, 91.2187,
63.6365

■ 10.2392, 4.9861,
50.8753

■ 86.6257, 96.6303,
64.5384

■ 10.0684, 4.7356,
50.8360

Harmonies

Analogous

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



27.6220, 30.6055, 55.1594



31.0308, 30.6055, 54.7240



34.1397, 30.6055, 47.8919

Triad

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



31.0308, 30.6055, 54.7240



33.8097, 30.6055, 21.4169



23.1603, 30.6055, 29.2286

Complementary

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



31.0308, 30.6055, 54.7240



44.0755, 47.9294, 31.7403

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.



24.5638, 30.6055, 22.0579



31.0308, 30.6055, 54.7240



30.6083, 30.6055, 18.1787

Square

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



31.0308, 30.6055, 54.7240



35.8280, 30.6055, 28.1747



27.2311, 30.6055, 18.3878



23.2540, 30.6055, 39.0657

Rectangle

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



31.0308, 30.6055, 54.7240



35.5445, 30.6055, 41.2697



27.2311, 30.6055, 18.3878



23.4677, 30.6055, 26.4701

Sweetspot

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



31.0318, 30.6067, 54.7247



78.9612, 81.9394, 102.0145



38.5552, 47.1837, 52.5150



16.4945, 17.0658, 21.8100



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.



31.0318, 30.6067, 54.7247



49.5649, 47.7532, 96.9652



33.0397, 29.8429, 54.4714



9.6483, 9.9880, 12.7042



6.7340, 3.2245, 33.8241



0.3309, 0.2193, 1.4748

Inverse Universe

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



36.7166, 32.2328, 32.3046



61.5128, 51.3923, 49.7943



41.5584, 49.1866, 32.1157



10.1338, 10.1021, 10.7951



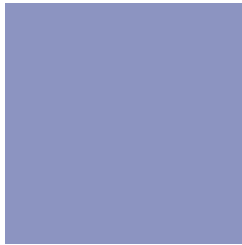
14.7950, 7.6077, 1.5665



0.6594, 0.3368, 0.1739

Previews

White Background



This preview shows how the XYZ color 31.0308, 30.6055, 54.7240 looks on a white background.

Color Contrast Check

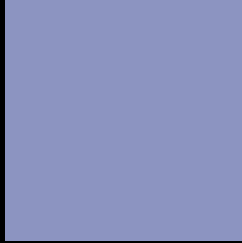
Large Text (above 18pt) WCAG AA × Fail

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 31.0308, 30.6055, 54.7240 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

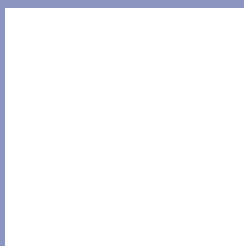
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0308, 30.6055, 54.7240

Background



This preview shows how black text looks on a background with the XYZ color 31.0308, 30.6055, 54.7240.



This preview shows how white text looks on a background with the XYZ color 31.0308, 30.6055,

54.7240.

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

31.0308, 30.6055, 54.7240

Protanopia

30.6968, 30.4333, 54.7084

Deuteranopia

31.2147, 30.4685, 54.6879



Tritanopia

28.0143, 30.5674, 40.0209

Trichromacy



Original Color

31.0308, 30.6055, 54.7240

Protanomaly

30.8630, 30.5190, 54.7162

Deuteranomaly

31.0439, 30.3804, 54.6799

Tritanomaly

28.9578, 30.4626, 44.9111

Monochromacy



Original Color

31.0308, 30.6055, 54.7240

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8219, 30.7689, 40.4436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0308, 30.6055, 54.7240 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(140, 148, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 148, 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(140, 148, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 148, 193) }
```

Border

The CSS property to change the border of an element to XYZ 31.0308, 30.6055, 54.7240 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(140, 148, 193) }
```


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

```
.border{ border-color:rgb(140, 148, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 148, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 148, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 148, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 148,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0308, 30.6055, 54.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 148, 193) }
```

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

```
.background{ background-color: rgb(140,  
148, 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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