

Converting Colors

XYZ(31.8834, 32.1151, 60.3955)

Have a look what the booklet for
XYZ(31.8834, 32.1151, 60.3955)
contains.

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Color

**XYZ(31.8834, 32.1151,
60.3955)**

Conversions

Conversions Part 1

Format	Color
Hex	8699CA
RGB	134, 153, 202
RGB Percent	53%, 60%, 79%
CMY	0.4745, 0.4000, 0.2078
CMYK	0.34, 0.24, 0.00, 0.21
HSL	223°, 39%, 66%
HSV	223°, 34%, 79%
XYZ	31.8834, 32.1151, 60.3955
YIQ	152.9050, -27.0530, 11.2110

Conversions

Conversions Part 2

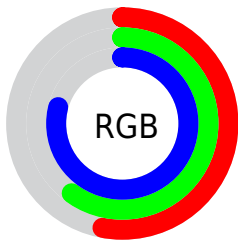
Format	Color
RYB	134, 149, 202
Decimal	8821194
CIELab	63.44, 5.01, -27.37
CIELCh	63, 27.820, 280.370
Yxy	32.1151, 0.2563, 0.2582
Android (android.graphics.Color)	4287011274 (0xFF8699CA)
YUV	152.9050, 24.2038, -16.5797
Hunter-Lab	56.6702, 1.2536, -23.5184

Details

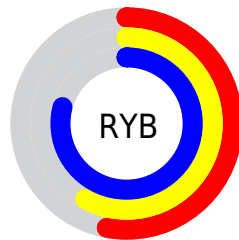
The XYZ color **31.8834, 32.1151, 60.3955** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.5942, 48.1452, 29.4451**, and the grayscale version is **30.1444, 31.7142, 34.5368**.

A 20% lighter version of the original color is **61.3491, 62.6645, 103.4697**, and **13.5763, 13.4347, 29.8946** is the 20% darker color. If you saturate the color by 10%, you get **26.7274, 26.1341, 59.5134**, and if you desaturate by 10%, it is **37.9472, 38.9969, 61.4048**.

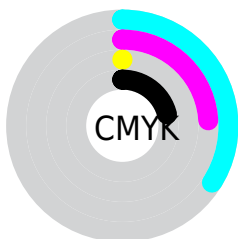
Distribution



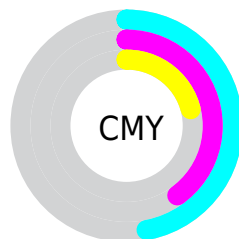
- Red (53%)
- Green (60%)
- Blue (79%)



- Red (53%)
- Yellow (58%)
- Blue (79%)



- Cyan (34%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)



- Cyan (47%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8834, 32.1151, 60.3955 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 31.8834, 32.1151, 60.3955 by changing the saturation by 10% instead.

■ 31.8834, 32.1151,
60.3955

■ 31.8834, 32.1151,
60.3955

302.3425,
311.6432, 443.8991

■ 21.4276, 21.4494,
43.3101

■ 61.9947, 62.9915,
106.9522

■ 13.5511, 13.4529,
29.7953

■ 82.3808, 83.9710,
137.2605

■ 7.8887, 7.7412,
19.4325

■ 106.8078,
109.1572, 172.8136

■ 4.0750, 3.9298,
11.8033

135.6410,
138.9346, 214.0300

■ 1.7447, 1.6344,
6.4890

169.2457,
173.6875, 261.3282

■ 0.4840, 0.3806,
3.0711

207.9873,

■ 0.0000, 0.0000,

213.8003, 315.1267

1.1310

252.2311,
259.6574, 375.8442

■ 0.0000, 0.0000,
0.0000

■ 31.8834, 32.1151,
60.3955

■ 31.8834, 32.1151,
60.3955

■ 26.7274, 26.1341,
59.5134

■ 37.9472, 38.9969,
61.4048

■ 22.4303, 21.0112,
58.7510

■ 44.9576, 46.8121,
62.5438

■ 18.9436, 16.7057,
58.1037

■ 52.9554, 55.5965,
63.8178

■ 16.2121, 13.1716,
57.5656

■ 61.9777, 65.3824,
65.2312

■ 14.1732, 10.3580,
57.1299

■ 72.0598, 76.2010,
66.7880

■ 12.7528, 8.2062,
56.7895

■ 83.1602, 88.0432,
68.4887

■ 12.0966, 7.1359,
56.6175

■ 87.6266, 96.9760,
69.9775

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



28.0925, 32.1151, 59.1228



31.8834, 32.1151, 60.3955



35.6018, 32.1151, 53.8445

Triad

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



31.8834, 32.1151, 60.3955



36.5512, 32.1151, 22.9021



24.0391, 32.1151, 28.2867

Complementary

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



31.8834, 32.1151, 60.3955



45.5942, 48.1452, 29.4451

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.



25.9544, 32.1151, 21.1161



31.8834, 32.1151, 60.3955



33.0929, 32.1151, 18.4926

Square

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



31.8834, 32.1151, 60.3955



38.4438, 32.1151, 31.2708



29.2047, 32.1151, 17.9165



23.7750, 32.1151, 38.9454

Rectangle

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



31.8834, 32.1151, 60.3955



37.4594, 32.1151, 46.5962



29.2047, 32.1151, 17.9165



24.5030, 32.1151, 25.4555

Sweetspot

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



31.8845, 32.1163, 60.3963



80.6987, 84.3120, 106.6283



39.4723, 50.7179, 52.3643



16.8713, 17.6039, 22.7586



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.8845, 32.1163, 60.3963



47.8129, 47.2443, 101.2068



31.5325, 27.6800, 59.5585



10.8527, 11.3459, 14.1883



7.8493, 4.7227, 36.4541



0.4700, 0.3738, 1.9023

Inverse Universe

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



38.6329, 31.9076, 34.2609



61.0233, 47.3993, 49.9189



45.9831, 54.5614, 30.6631



11.3390, 11.2643, 12.3199



16.1729, 8.2797, 3.3631



0.8672, 0.4403, 0.3465

Previews

White Background



This preview shows how the XYZ color 31.8834, 32.1151, 60.3955 looks on a white background.

Color Contrast Check

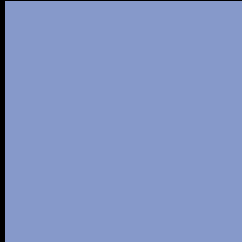
Large Text (above 18pt) WCAG AA × Fail

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 31.8834, 32.1151, 60.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

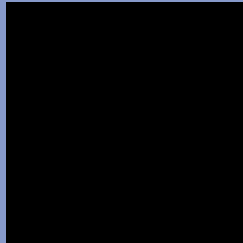
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

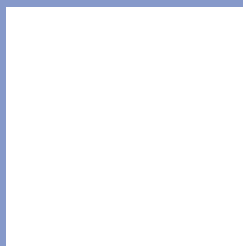
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8834, 32.1151, 60.3955

Background



This preview shows how black text looks on a background with the XYZ color 31.8834, 32.1151, 60.3955.



This preview shows how white text looks on a background with the XYZ color 31.8834, 32.1151,

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

31.8834, 32.1151, 60.3955

Protanopia

32.5861, 32.2490, 59.7655

Deuteranopia

32.7118, 32.0602, 60.3413



Tritanopia

28.5012, 32.2486, 43.2505

Trichromacy



Original Color

31.8834, 32.1151, 60.3955

Protanomaly

32.2521, 32.0768, 59.7499

Deuteranomaly

32.3701, 32.1240, 60.3716

Tritanomaly

29.7064, 32.2372, 48.9127

Monochromacy



Original Color

31.8834, 32.1151, 60.3955

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.5960, 31.8337, 43.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8834, 32.1151, 60.3955 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, 153, 202)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 202)  
}
```

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, 153, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 202) }
```

Border

The CSS property to change the border of an element to XYZ 31.8834, 32.1151, 60.3955 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, 153, 202) }
```


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

```
.border{ border-color:rgb(134, 153, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 202);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8834, 32.1151, 60.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 202) }
```

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

```
.background{ background-color: rgb(134,  
153, 202) }
```

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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