

Converting Colors

XYZ(31.6034, 28.2238, 55.4118)

Have a look what the booklet for
XYZ(31.6034, 28.2238, 55.4118)
contains.

XYZ(31.6034, 28.2238, 55.4118)	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(31.6034, 28.2238,
55.4118)**

Conversions

Conversions Part 1

Format	Color
Hex	9888C3
RGB	152, 136, 195
RGB Percent	60%, 53%, 76%
CMY	0.4039, 0.4667, 0.2353
CMYK	0.22, 0.30, 0.00, 0.24
HSL	256°, 33%, 65%
HSV	256°, 30%, 76%
XYZ	31.6034, 28.2238, 55.4118
YIQ	147.5100, -9.4030, 21.7410

Conversions

Conversions Part 2

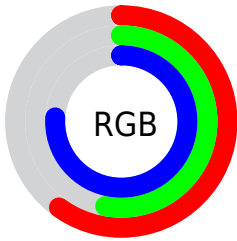
Format	Color
RYB	152, 136, 195
Decimal	9996483
CIELab	60.09, 18.42, -28.49
CIElCh	60, 33.922, 302.882
Yxy	28.2238, 0.2742, 0.2449
Android (android.graphics.Color)	4288186563 (0xFF9888C3)
YUV	147.5100, 23.4126, 3.9377
Hunter-Lab	53.1261, 13.2146, -24.6527

Details

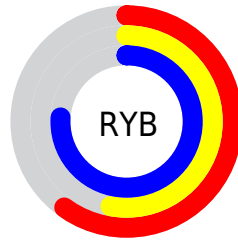
The XYZ color **31.6034, 28.2238, 55.4118** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5501, 50.3920, 30.7776**, and the grayscale version is **27.8539, 29.3044, 31.9125**.

A 20% lighter version of the original color is **61.5004, 56.6889, 99.7961**, and **13.3910, 11.2880, 26.6723** is the 20% darker color. If you saturate the color by 10%, you get **26.6006, 21.9326, 54.4616**, and if you desaturate by 10%, it is **37.4265, 35.6808, 56.5447**.

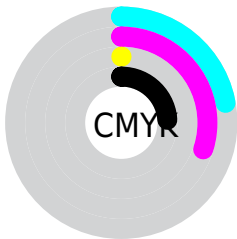
Distribution



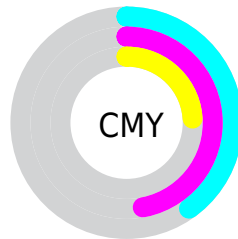
- Red (60%)
- Green (53%)
- Blue (76%)



- Red (60%)
- Yellow (53%)
- Blue (76%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6034, 28.2238, 55.4118 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 31.6034, 28.2238, 55.4118 by changing the saturation by 10% instead.

■ 31.6034, 28.2238,
55.4118

■ 31.6034, 28.2238,
55.4118

301.0861,
293.5348, 424.7969

■ 21.2128, 18.4944,
39.3307

■ 61.5582, 56.8416,
99.6212

■ 13.3930, 11.3055,
26.7073

■ 81.8532, 76.4987,
128.5867

■ 7.7786, 6.2727,
17.1230

■ 106.1803,
100.2340, 162.6839

■ 4.0042, 3.0116,
10.1593

134.9050,
128.4316, 202.3316

■ 1.7045, 1.1378,
5.3978

168.3926,
161.4762, 247.9482

■ 0.4591, 0.0100,
2.4197

207.0084,

■ 0.0000, 0.0000,

199.7519, 299.9522

0.7971

251.1178,
243.6433, 358.7623

■ 0.0000, 0.0000,
0.0000

■ 31.6034, 28.2238,
55.4118

■ 31.6034, 28.2238,
55.4118

■ 26.6006, 21.9326,
54.4616

■ 37.4265, 35.6808,
56.5447

■ 22.3768, 16.7438,
53.6827

■ 44.1028, 44.3558,
57.8673

■ 18.8915, 12.5931,
53.0652

■ 51.6666, 54.3020,
59.3884

■ 16.0991, 9.4078,
52.5976

■ 60.1498, 65.5683,
61.1159

■ 13.9482, 7.1056,
52.2666

■ 69.5824, 78.2011,
63.0572

■ 12.3797, 5.5898,
52.0567

■ 79.9932, 92.2445,
65.2191

■ 11.3124, 4.6939,
51.9400

■ 85.5692, 96.0597,
65.6616

■ 86.8504, 96.7202,
65.7216

Harmonies

Analogous

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



27.2466, 28.2238, 61.2167



31.6034, 28.2238, 55.4118



34.9375, 28.2238, 42.9280

Triad

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



31.6034, 28.2238, 55.4118



30.8017, 28.2238, 14.0217



19.3419, 28.2238, 31.9452

Complementary

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



31.6034, 28.2238, 55.4118



42.5501, 50.3920, 30.7776

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.



20.0783, 28.2238, 21.0953



31.6034, 28.2238, 55.4118



26.4095, 28.2238, 12.5418

Square

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



31.6034, 28.2238, 55.4118



34.4407, 28.2238, 19.5206



22.5559, 28.2238, 14.7442



20.4253, 28.2238, 45.5749

Rectangle

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



31.6034, 28.2238, 55.4118



35.9621, 28.2238, 33.7804



22.5559, 28.2238, 14.7442



19.3850, 28.2238, 27.8707

Sweetspot

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



31.6043, 28.2249, 55.4124



80.4196, 81.3143, 103.9264



36.1781, 41.5224, 57.7380



17.1953, 17.2631, 22.6758



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.



31.6043, 28.2249, 55.4124



50.7883, 43.2115, 98.1336



37.7661, 31.4014, 55.7008



9.7789, 9.8772, 12.6759



7.4224, 3.0868, 33.7612



0.3892, 0.1687, 1.4619

Inverse Universe

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



39.4472, 32.4660, 46.8359



67.1288, 52.0588, 79.7662



36.4946, 47.2704, 30.4942



10.3770, 10.1994, 12.0756



17.8433, 8.8271, 17.6186



0.7986, 0.3924, 0.9066

Previews

White Background



This preview shows how the XYZ color 31.6034, 28.2238, 55.4118 looks on a white background.

Color Contrast Check

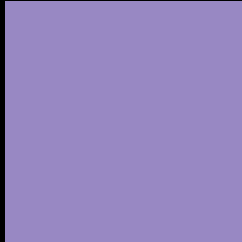
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6034, 28.2238, 55.4118 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 31.6034, 28.2238, 55.4118

Background



This preview shows how black text looks on a background with the XYZ color 31.6034, 28.2238, 55.4118.



This preview shows how white text looks on a background with the XYZ color 31.6034, 28.2238,

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

31.6034, 28.2238, 55.4118

Protanopia

29.1499, 28.4042, 58.5898

Deuteranopia

29.0758, 28.4455, 54.9970



Tritanopia

27.5667, 28.3328, 35.0262

Trichromacy



Original Color

31.6034, 28.2238, 55.4118

Protanomaly

29.8877, 28.1517, 57.2847

Deuteranomaly

29.7631, 28.1402, 54.9018

Tritanomaly

28.9933, 28.2479, 41.9545

Monochromacy



Original Color

31.6034, 28.2238, 55.4118

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.1592, 29.0527, 39.6682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6034, 28.2238, 55.4118 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(152, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 195)  
}
```

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(152, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 195) }
```

Border

The CSS property to change the border of an element to XYZ 31.6034, 28.2238, 55.4118 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(152, 136, 195) }
```


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

```
.border{ border-color:rgb(152, 136, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6034, 28.2238, 55.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 195) }
```

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

```
.background{ background-color: rgb(152,  
136, 195) }
```

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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