

Converting Colors

XYZ(32.1206, 31.6388, 35.6782)

Have a look what the booklet for
XYZ(32.1206, 31.6388, 35.6782)
contains.

XYZ(32.1077, 31.5794, 35.8557)	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(32.1077, 31.5794,
35.8557)**

Conversions

Conversions Part 1

Format	Color
Hex	A5949C
RGB	165, 148, 156
RGB Percent	65%, 58%, 61%
CMY	0.3529, 0.4196, 0.3882
CMYK	0.00, 0.10, 0.05, 0.35
HSL	332°, 9%, 61%
HSV	332°, 10%, 65%
XYZ	32.1077, 31.5794, 35.8557
YIQ	153.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

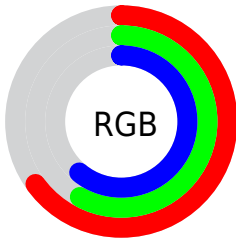
Format	Color
R_{YB}	165, 148, 156
Decimal	10851484
CIE Lab	62.99, 7.74, -1.92
CIE LCh	63, 7.969, 346.093
Yxy	31.5794, 0.3226, 0.3172
Android (android.graphics.Color)	4289041564 (0xFFA5949C)
YUV	153.9950, 0.9885, 9.6514
Hunter-Lab	56.1956, 3.6449, 1.5068

Details

The XYZ color **32.1077, 31.5794, 35.8557** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7549, 35.6413, 37.1057**, and the grayscale version is **30.7072, 32.3063, 35.1816**.

A 20% lighter version of the original color is **62.2686, 62.1098, 69.6793**, and **13.6345, 13.0800, 15.1707** is the 20% darker color. If you saturate the color by 10%, you get **28.9886, 26.4826, 31.2965**, and if you desaturate by 10%, it is **35.6508, 37.4382, 40.8196**.

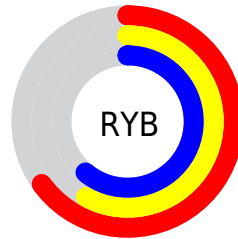
Distribution



Red (65%)

Green (58%)

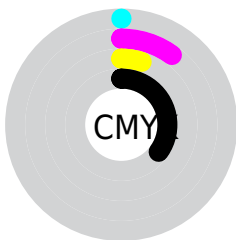
Blue (61%)



Red (65%)

Yellow (58%)

Blue (61%)

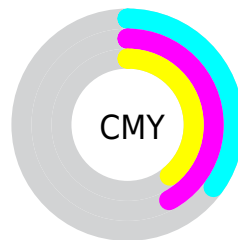


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1077, 31.5794, 35.8557 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 32.1077, 31.5794, 35.8557 by changing the saturation by 10% instead.

■ 32.1077, 31.5794,
35.8557

■ 32.1077, 31.5794,
35.8557

303.3461,
309.1988, 343.3477

■ 21.5997, 21.0404,
24.0340

■ 62.3439, 62.1511,
69.9758

■ 13.6780, 13.1536,
15.1464

■ 82.8029, 82.9527,
93.1113

■ 7.9773, 7.5344,
8.7744

107.3096,
107.9439, 120.8551

■ 4.1321, 3.7985,
4.4995

136.2294,
137.5092, 153.6257

■ 1.7771, 1.5615,
1.9032

169.9275,
172.0330, 191.8418

■ 0.5038, 0.3314,
0.4948

208.7695,

■ 0.0000, 0.0000,

211.8995, 235.9217

0.0000

253.1206,
257.4933, 286.2842

■ 32.1077, 31.5794,
35.8557

■ 32.1077, 31.5794,
35.8557

■ 28.9886, 26.4826,
31.2965

■ 35.6508, 37.4382,
40.8196

■ 26.2742, 22.1120,
27.1288

■ 39.6308, 44.0843,
46.1967

■ 23.9475, 18.4354,
23.3419

■ 44.0635, 51.5474,
51.9977

■ 21.9893, 15.4164,
19.9234

■ 48.9631, 59.8540,
58.2324

■ 20.3789, 13.0150,
16.8602

■ 54.3431, 69.0296,
64.9103

■ 19.0932, 11.1873,
14.1385

■ 60.2164, 79.0985,
72.0403

■ 18.1059, 9.8832,
11.7428

■ 63.8222, 84.5374,
78.7069

■ 17.3866, 9.0437,
9.6561

■ 64.9902, 85.0046,
84.8578

■ 16.8793, 8.5443,
7.8987

■ 66.2194, 85.4963,
91.3305

Harmonies

Analogous

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



31.5593, 31.5794, 38.7422



32.1077, 31.5794, 35.8557



32.0859, 31.5794, 32.7386

Triad

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



32.1077, 31.5794, 35.8557



29.4349, 31.5794, 28.9056



28.5774, 31.5794, 38.9187

Complementary

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



32.1077, 31.5794, 35.8557



31.7549, 35.6413, 37.1057

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.



28.0357, 31.5794, 36.0848



32.1077, 31.5794, 35.8557



28.5224, 31.5794, 30.3666

Square

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



32.1077, 31.5794, 35.8557



30.5246, 31.5794, 28.8526



28.0158, 31.5794, 32.9543



29.5116, 31.5794, 40.5821

Rectangle

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



32.1077, 31.5794, 35.8557



31.7506, 31.5794, 30.9503



28.0158, 31.5794, 32.9543



28.3444, 31.5794, 38.0640

Sweetspot

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



32.1086, 31.5808, 35.8564



62.0233, 64.0209, 70.5833



31.2450, 31.0442, 39.9431



13.4486, 13.8124, 15.2765



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.1086, 31.5808, 35.8564



56.3738, 54.7028, 62.5932



31.4978, 31.4077, 32.4207



7.2060, 7.1388, 8.0711



12.7941, 6.4737, 6.1064



0.2927, 0.1456, 0.2538

Inverse Universe

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



32.1086, 31.5808, 35.8564



56.3738, 54.7028, 62.5932



32.4093, 35.8214, 40.8039



7.2060, 7.1388, 8.0711



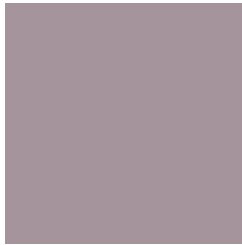
12.7941, 6.4737, 6.1064



0.2927, 0.1456, 0.2538

Previews

White Background



This preview shows how the XYZ color 32.1077, 31.5794, 35.8557 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 32.1077, 31.5794, 35.8557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

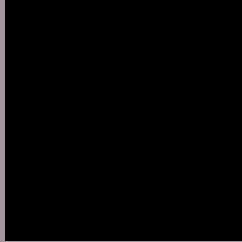
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1077, 31.5794, 35.8557

Background



This preview shows how black text looks on a background with the XYZ color 32.1077, 31.5794, 35.8557.



This preview shows how white text looks on a background with the XYZ color 32.1077, 31.5794,

35.8557.

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

32.1077, 31.5794, 35.8557

Protanopia

30.7262, 31.7951, 36.8654

Deuteranopia

32.3165, 31.6871, 35.8654



Tritanopia

32.3650, 31.6823, 37.2104

Trichromacy



Original Color

32.1077, 31.5794, 35.8557

Protanomaly

31.2530, 31.8366, 36.3962

Deuteranomaly

32.3165, 31.6871, 35.8654

Tritanomaly

32.2785, 31.6478, 36.7551

Monochromacy



Original Color

32.1077, 31.5794, 35.8557

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2452, 32.0921, 35.5579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1077, 31.5794, 35.8557 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(165, 148, 156)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 156)  
}
```

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(165, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.1077, 31.5794, 35.8557 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(165, 148, 156) }
```


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

```
.border{ border-color:rgb(165, 148, 156) }
```

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

Here you see how a box with a 4 pixel rgb(165, 148, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1077, 31.5794, 35.8557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 156) }
```

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

```
.background{ background-color: rgb(165,  
148, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor