

Converting Colors

XYZ(32.6477, 32.5331, 35.6642)

Have a look what the booklet for
XYZ(32.6477, 32.5331, 35.6642)
contains.

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Color

**XYZ(32.7089, 32.6068,
35.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	A6979B
RGB	166, 151, 155
RGB Percent	65%, 59%, 61%
CMY	0.3490, 0.4078, 0.3922
CMYK	0.00, 0.09, 0.07, 0.35
HSL	344°, 8%, 62%
HSV	344°, 9%, 65%
XYZ	32.7089, 32.6068, 35.5801
YIQ	155.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

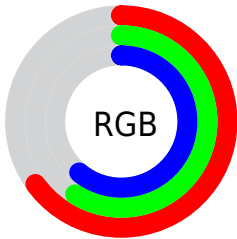
Format	Color
RYB	166, 151, 155
Decimal	10917787
CIELab	63.84, 6.24, -0.10
CIELCh	64, 6.243, 359.089
Yxy	32.6068, 0.3242, 0.3232
Android (android.graphics.Color)	4289107867 (0xFFA6979B)
YUV	155.9410, -0.4639, 8.8217
Hunter-Lab	57.1024, 2.3177, 3.0285

Details

The XYZ color **32.7089, 32.6068, 35.5801** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9216, 36.4612, 39.4869**, and the grayscale version is **31.5740, 33.2183, 36.1748**.

A 20% lighter version of the original color is **63.1587, 63.6382, 69.2762**, and **13.9953, 13.6912, 15.0017** is the 20% darker color. If you saturate the color by 10%, you get **29.2518, 27.2471, 29.6346**, and if you desaturate by 10%, it is **36.6472, 38.7630, 42.1955**.

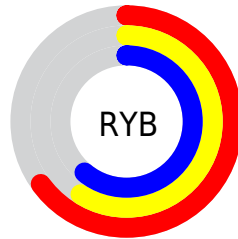
Distribution



Red (65%)

Green (59%)

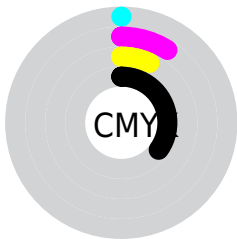
Blue (61%)



Red (65%)

Yellow (59%)

Blue (61%)

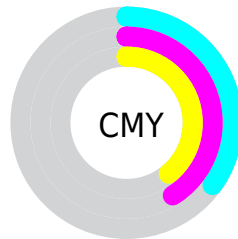


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7089, 32.6068, 35.5801 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 32.7089, 32.6068, 35.5801 by changing the saturation by 10% instead.

■ 32.7089, 32.6068,
35.5801

■ 32.7089, 32.6068,
35.5801

306.0242,
313.8742, 342.1032

■ 22.0617, 21.8254,
23.8230

■ 63.2785, 63.7612,
69.5452

■ 14.0191, 13.7287,
14.9914

■ 83.9316, 84.9029,
92.5902

■ 8.2157, 7.9322,
8.6668

108.6508,
110.2669, 120.2350

■ 4.2863, 4.0516,
4.4306

137.8013,
140.2375, 152.8980

■ 1.8653, 1.7025,
1.8644

171.7485,
175.1992, 190.9977

■ 0.5566, 0.4253,
0.4700

210.8579,

■ 0.0000, 0.0000,

215.5362, 234.9529

0.0000

255.4946,
261.6331, 285.1818

■ 32.7089, 32.6068,
35.5801

■ 32.7089, 32.6068,
35.5801

■ 29.2518, 27.2471,
29.6346

■ 36.6472, 38.7630,
42.1955

■ 26.2544, 22.6470,
24.3358

■ 41.0815, 45.7420,
49.4990

■ 23.6978, 18.7734,
19.6619


■ 46.0294, 53.5742,
57.5107


■ 21.5605, 15.5887,
15.5894


■ 51.5070, 62.2871,
66.2491


■ 19.8192, 13.0521,
12.0929


■ 57.5294, 71.9070,
75.7322


 18.4485, 11.1185,
9.1455


 64.1113, 82.4593,
85.9772


 17.4196, 9.7369,
6.7176

 67.2488, 85.9322,
95.6615

 16.6991, 8.8477,
4.7766

 69.1216, 86.6813,
105.5233

 16.2252, 8.3346,
3.2785

 69.5361, 86.8471,
107.7060

Harmonies

Analogous

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



32.4614, 32.6068, 38.0428



32.7089, 32.6068, 35.5801



32.4891, 32.6068, 33.2064

Triad

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



32.7089, 32.6068, 35.5801



30.1790, 32.6068, 31.4474



30.1334, 32.6068, 39.8107

Complementary

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



32.7089, 32.6068, 35.5801



32.9216, 36.4612, 39.4869

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.



29.5412, 32.6068, 37.9037



32.7089, 32.6068, 35.5801



29.5672, 32.6068, 33.0793

Square

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



32.7089, 32.6068, 35.5801



31.0186, 32.6068, 30.8894



29.3358, 32.6068, 35.4265



30.9650, 32.6068, 40.5551

Rectangle

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



32.7089, 32.6068, 35.5801



32.1095, 32.6068, 31.9766



29.3358, 32.6068, 35.4265



29.9004, 32.6068, 39.2801

Sweetspot

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



32.7098, 32.6082, 35.5808



63.5300, 65.6814, 71.6039



32.8509, 32.5693, 40.6319



14.0895, 14.4992, 15.8100



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.7098, 32.6082, 35.5808



57.9298, 56.9482, 62.1312



32.9512, 33.6193, 34.0324



7.6102, 7.5739, 8.2644



12.5678, 6.4358, 2.5358



0.3265, 0.1649, 0.1707

Inverse Universe

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



32.7098, 32.6082, 35.5808



57.9298, 56.9482, 62.1312



32.6552, 35.3507, 41.1791



7.6102, 7.5739, 8.2644



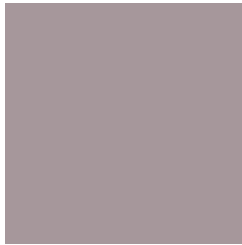
12.5678, 6.4358, 2.5358



0.3265, 0.1649, 0.1707

Previews

White Background



This preview shows how the XYZ color 32.7089, 32.6068, 35.5801 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 32.7089, 32.6068, 35.5801 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

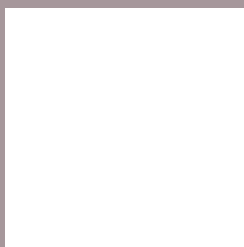
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7089, 32.6068, 35.5801

Background



This preview shows how black text looks on a background with the XYZ color 32.7089, 32.6068, 35.5801.



This preview shows how white text looks on a background with the XYZ color 32.7089, 32.6068,

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

32.7089, 32.6068, 35.5801

Protanopia

31.5460, 32.7136, 36.5500

Deuteranopia

33.1849, 32.6143, 35.5565



Tritanopia

33.3643, 32.6368, 38.7235

Trichromacy



Original Color

32.7089, 32.6068, 35.5801

Protanomaly

31.8892, 32.6563, 36.0751

Deuteranomaly

32.9712, 32.5041, 35.5465

Tritanomaly

33.1007, 32.5314, 37.3355

Monochromacy



Original Color

32.7089, 32.6068, 35.5801

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.0536, 32.9851, 36.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7089, 32.6068, 35.5801 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(166, 151, 155)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 155)  
}
```

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(166, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.7089, 32.6068, 35.5801 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(166, 151, 155) }
```


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

```
.border{ border-color:rgb(166, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 151, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 151, 155); box-shadow:4px 4px 4px 4px rgb(166, 151, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7089, 32.6068, 35.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 155) }
```

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

```
.background{ background-color: rgb(166,  
151, 155) }
```

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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