

Converting Colors

XYZ(32.9039, 32.6733, 35.2663)

Have a look what the booklet for
XYZ(32.9039, 32.6733, 35.2663)
contains.

XYZ(32.8357, 32.6818, 35.1494)	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(32.8357, 32.6818,
35.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	A7979A
RGB	167, 151, 154
RGB Percent	65%, 59%, 60%
CMY	0.3451, 0.4078, 0.3961
CMYK	0.00, 0.10, 0.08, 0.35
HSL	349°, 8%, 62%
HSV	349°, 10%, 65%
XYZ	32.8357, 32.6818, 35.1494
YIQ	156.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

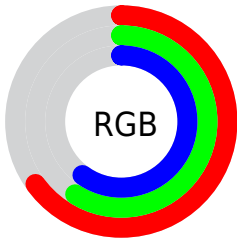
Format	Color
RYB	167, 151, 154
Decimal	10983322
CIELab	63.90, 6.43, 0.56
CIElCh	64, 6.455, 5.015
Yxy	32.6818, 0.3262, 0.3247
Android (android.graphics.Color)	4289173402 (0xFFA7979A)
YUV	156.1260, -1.0481, 9.5365
Hunter-Lab	57.1680, 2.4814, 3.5635

Details

The XYZ color **32.8357, 32.6818, 35.1494** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2833, 36.8979, 40.4916**, and the grayscale version is **31.6588, 33.3075, 36.2719**.

A 20% lighter version of the original color is **63.3407, 63.7463, 68.6404**, and **14.0756, 13.7385, 14.7419** is the 20% darker color. If you saturate the color by 10%, you get **29.2691, 27.2561, 28.6956**, and if you desaturate by 10%, it is **36.9127, 38.9230, 42.4046**.

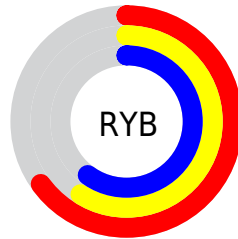
Distribution



Red (65%)

Green (59%)

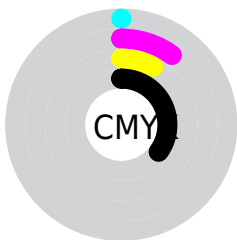
Blue (60%)



Red (65%)

Yellow (59%)

Blue (60%)

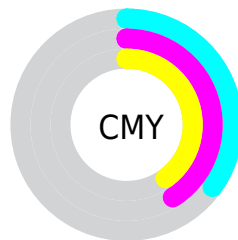


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (35%)



Cyan (35%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8357, 32.6818, 35.1494 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 32.8357, 32.6818, 35.1494 by changing the saturation by 10% instead.

■ 32.8357, 32.6818,
35.1494

■ 32.8357, 32.6818,
35.1494

306.5868,
314.2135, 340.1516

■ 22.1592, 21.8828,
23.4935

■ 63.4753, 63.8784,
68.8713

■ 14.0912, 13.7708,
14.7496

■ 84.1692, 85.0448,
91.7745

■ 8.2663, 7.9614,
8.4992

108.9329,
110.4358, 119.2638

■ 4.3190, 4.0703,
4.3237

138.1319,
140.4358, 151.7578

■ 1.8842, 1.7130,
1.8045

172.1314,
175.4292, 189.6750

■ 0.5676, 0.4320,
0.4309

211.2968,

■ 0.0000, 0.0000,

215.8003, 233.4340

0.0000

255.9935,
261.9336, 283.4534

■ 32.8357, 32.6818,
35.1494

■ 32.8357, 32.6818,
35.1494

■ 29.2691, 27.2561,
28.6956

■ 36.9127, 38.9230,
42.4046

■ 26.1899, 22.6080,
23.0137

■ 41.5164, 46.0069,
50.4855

■ 23.5777, 18.7030,
18.0749

■ 46.6657, 53.9648,
59.4178

■ 21.4092, 15.5025,
13.8484

■ 52.3777, 62.8252,
69.2254

■ 19.6593, 12.9642,
10.3007

■ 58.6690, 72.6152,
79.9314

■ 18.3003, 11.0415,
7.3960

■ 65.5552, 83.3609,
91.5580

■ 17.3010, 9.6813,
5.0947

■ 68.7956, 86.5752,
102.7080

■ 16.6253, 8.8219,
3.3528

■ 69.7465, 86.9556,
107.7158

■ 16.2030, 8.3344,
2.1111

Harmonies

Analogous

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



32.6733, 32.6818, 37.7398



32.8357, 32.6818, 35.1494



32.5156, 32.6818, 32.7911

Triad

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



32.8357, 32.6818, 35.1494



30.0716, 32.6818, 31.6433



30.3312, 32.6818, 40.3143

Complementary

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



32.8357, 32.6818, 35.1494



33.2833, 36.8979, 40.4916

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.



29.6544, 32.6818, 38.5330



32.8357, 32.6818, 35.1494



29.5066, 32.6818, 33.5137

Square

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



32.8357, 32.6818, 35.1494



30.9106, 32.6818, 30.8308



29.3554, 32.6818, 36.0240



31.2160, 32.6818, 40.8042

Rectangle

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



32.8357, 32.6818, 35.1494



32.0753, 32.6818, 31.6419



29.3554, 32.6818, 36.0240



30.0724, 32.6818, 39.8426

Sweetspot

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



32.8366, 32.6832, 35.1501



63.4651, 65.6555, 71.2624



33.3113, 32.7960, 41.1342



14.0714, 14.4920, 15.7146



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.



32.8366, 32.6832, 35.1501



57.7115, 56.8609, 60.9820



33.3782, 34.1610, 34.1144



7.5864, 7.5644, 8.1392



12.4008, 6.3690, 1.6562



0.3176, 0.1613, 0.1241

Inverse Universe

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



32.8366, 32.6832, 35.1501



57.7115, 56.8609, 60.9820



32.6943, 35.2816, 41.6465



7.5864, 7.5644, 8.1392



12.4008, 6.3690, 1.6562



0.3176, 0.1613, 0.1241

Previews

White Background



This preview shows how the XYZ color 32.8357, 32.6818, 35.1494 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 32.8357, 32.6818, 35.1494 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 32.8357, 32.6818, 35.1494

Background



This preview shows how black text looks on a background with the XYZ color 32.8357, 32.6818, 35.1494.



This preview shows how white text looks on a background with the XYZ color 32.8357, 32.6818,

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

32.8357, 32.6818, 35.1494

Protanopia

31.4610, 32.6796, 36.1021

Deuteranopia

33.3166, 32.6918, 35.1260



Tritanopia

33.5764, 32.7462, 38.7334

Trichromacy



Original Color

32.8357, 32.6818, 35.1494

Protanomaly

32.0056, 32.7261, 35.6402

Deuteranomaly

33.1013, 32.5808, 35.1159

Tritanomaly

33.3128, 32.6407, 37.3454

Monochromacy



Original Color

32.8357, 32.6818, 35.1494

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.9692, 32.9513, 35.6856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8357, 32.6818, 35.1494 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(167, 151, 154)` looks like.

```
.text, #text, p{  
    color:rgb(167, 151, 154)  
}
```

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(167, 151, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 151, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.8357, 32.6818, 35.1494 is called "border". The border property can be set on classes, ids or directly on the HTML element.

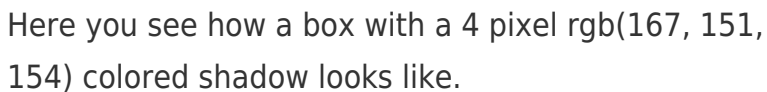
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 151, 154) }
```


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

```
.border{ border-color:rgb(167, 151, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 151, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 151, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 151, 154); box-shadow:4px 4px 4px 4px rgb(167, 151, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8357, 32.6818, 35.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 151, 154) }
```

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

```
.background{ background-color: rgb(167,  
151, 154) }
```

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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