

Converting Colors

XYZ(35.0286, 32.4817, 31.2544)

Have a look what the booklet for
XYZ(35.0286, 32.4817, 31.2544)
contains.

XYZ(35.0034, 32.4855, 31.2135)	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(35.0034, 32.4855,
31.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	B89191
RGB	184, 145, 145
RGB Percent	72%, 57%, 57%
CMY	0.2784, 0.4314, 0.4314
CMYK	0.00, 0.21, 0.21, 0.28
HSL	0°, 22%, 65%
HSV	0°, 21%, 72%
XYZ	35.0034, 32.4855, 31.2135
YIQ	156.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

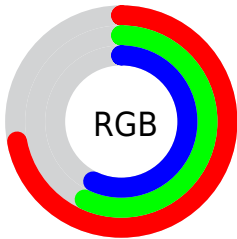
Format	Color
RYB	184, 145, 145
Decimal	12095889
CIELab	63.74, 14.68, 5.61
CIELCh	64, 15.714, 20.927
Yxy	32.4855, 0.3546, 0.3291
Android (android.graphics.Color)	4290285969 (0xFFB89191)
YUV	156.6610, -5.7489, 23.9763
Hunter-Lab	56.9961, 9.8804, 7.4275

Details

The XYZ color **35.0034, 32.4855, 31.2135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.4688, 43.7602, 51.8194**, and the grayscale version is **31.9140, 33.5760, 36.5643**.

A 20% lighter version of the original color is **67.0079, 63.6711, 62.7909**, and **15.2742, 13.5775, 12.6421** is the 20% darker color. If you saturate the color by 10%, you get **31.1107, 26.7896, 23.4738**, and if you desaturate by 10%, it is **39.5830, 39.1869, 40.3166**.

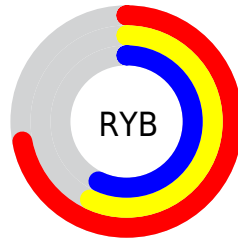
Distribution



Red (72%)

Green (57%)

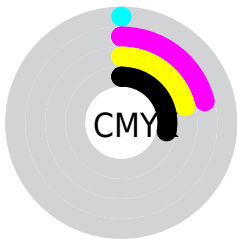
Blue (57%)



Red (72%)

Yellow (57%)

Blue (57%)

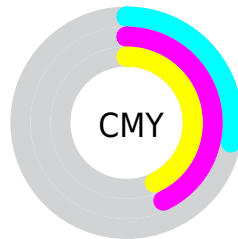


Cyan (0%)

Magenta (21%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0034, 32.4855, 31.2135 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 35.0034, 32.4855, 31.2135 by changing the saturation by 10% instead.


 35.0034, 32.4855,
31.2135


 35.0034, 32.4855,
31.2135


316.0911,
313.3250, 321.9023

 23.8320, 21.7326,
20.5017


 66.8250, 63.5714,
62.6596

 15.3331, 13.6605,
12.5725

 88.2060, 84.6732,
84.2309

 9.1413, 7.8850,
7.0076


113.7208,
109.9935, 110.2590

 4.8913, 4.0214,
3.3883

143.7349,
139.9166, 141.1627

 2.2177, 1.6856,
1.2962

178.6137,
174.8268, 177.3603

 0.7521, 0.4143,
0.0587

218.7224,

 0.0000, 0.0000,

215.1087, 219.2704

0.0000

264.4264,
261.1466, 267.3115

■ 35.0034, 32.4855,
31.2135

■ 35.0034, 32.4855,
31.2135

■ 31.1107, 26.7896,
23.4738

■ 39.5830, 39.1869,
40.3166

■ 27.8693, 22.0464,
17.0300

■ 44.8775, 46.9342,
50.8422

■ 25.2444, 18.2055,
11.8120

■ 50.9167, 55.7710,
62.8482

■ 23.1970, 15.2095,
7.7420

■ 57.7277, 65.7374,
76.3889

■ 21.6836, 12.9948,
4.7337

■ 65.3366, 76.8711,
91.5157

■ 20.6545, 11.4889,
2.6882

■ 73.5773, 88.9304,
107.8951

■ 20.0508, 10.6054,
1.4884

■ 19.7674, 10.1908,
0.9252

Harmonies

Analogous

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



35.2501, 32.4855, 37.3184



35.0034, 32.4855, 31.2135



33.6235, 32.4855, 26.7660

Triad

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



35.0034, 32.4855, 31.2135



27.7040, 32.4855, 28.2640



30.2135, 32.4855, 48.7507

Complementary

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



35.0034, 32.4855, 31.2135



37.4688, 43.7602, 51.8194

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.



28.2834, 32.4855, 45.6474



35.0034, 32.4855, 31.2135



26.8805, 32.4855, 33.4929

Square

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



35.0034, 32.4855, 31.2135



29.3884, 32.4855, 25.2091



27.0874, 32.4855, 39.8826



32.4140, 32.4855, 47.9521

Rectangle

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



35.0034, 32.4855, 31.2135



32.2811, 32.4855, 25.1021



27.0874, 32.4855, 39.8826



29.5132, 32.4855, 48.1168

Sweetspot

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



35.0043, 32.4870, 31.2142



76.4791, 77.9497, 82.4767



38.5446, 33.9022, 49.8599



16.3545, 16.6100, 17.5163



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0043, 32.4870, 31.2142



60.3257, 54.3129, 50.3639



38.2434, 38.9653, 32.2939



9.0047, 9.0124, 9.3719



13.6235, 7.0234, 0.6376



0.4803, 0.2476, 0.0225

Inverse Universe

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



37.4688, 43.7602, 51.8194



65.5239, 78.0902, 93.8240



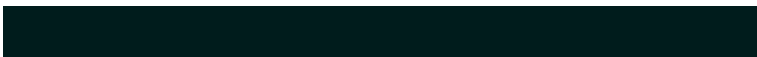
33.6943, 36.2110, 50.5612



9.2666, 10.2105, 11.5619



17.7734, 26.0064, 35.3361



0.6266, 0.9168, 1.2457

Previews

White Background



This preview shows how the XYZ color 35.0034, 32.4855, 31.2135 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 35.0034, 32.4855, 31.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

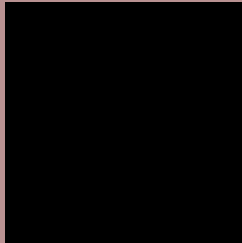
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0034, 32.4855, 31.2135

Background



This preview shows how black text looks on a background with the XYZ color 35.0034, 32.4855, 31.2135.



This preview shows how white text looks on a background with the XYZ color 35.0034, 32.4855,

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

35.0034, 32.4855, 31.2135

Protanopia

31.1612, 32.5823, 33.5008

Deuteranopia

33.0151, 32.3927, 30.8979



Tritanopia

35.8972, 32.6274, 35.4161

Trichromacy



Original Color

35.0034, 32.4855, 31.2135

Protanomaly

32.3483, 32.4868, 32.5826

Deuteranomaly

33.7554, 32.5405, 30.8874

Tritanomaly

35.5668, 32.4952, 33.6758

Monochromacy



Original Color

35.0034, 32.4855, 31.2135

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0774, 33.2979, 34.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0034, 32.4855, 31.2135 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(184, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 145)  
}
```

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(184, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 145) }
```

Border

The CSS property to change the border of an element to XYZ 35.0034, 32.4855, 31.2135 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(184, 145, 145) }
```


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

```
.border{ border-color:rgb(184, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0034, 32.4855, 31.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 145) }
```

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

```
.background{ background-color: rgb(184,  
145, 145) }
```

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