

Converting Colors

XYZ(35.1702, 32.7147, 28.5711)

Have a look what the booklet for
XYZ(35.1702, 32.7147, 28.5711)
contains.

XYZ(35.2064, 32.6506, 28.4914)	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(35.2064, 32.6506,
28.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	BB918A
RGB	187, 145, 138
RGB Percent	73%, 57%, 54%
CMY	0.2667, 0.4314, 0.4588
CMYK	0.00, 0.22, 0.26, 0.27
HSL	9°, 26%, 64%
HSV	9°, 26%, 73%
XYZ	35.2064, 32.6506, 28.4914
YIQ	156.7600, 27.2790, 6.7270

Conversions

Conversions Part 2

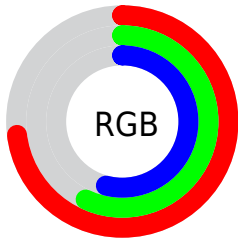
Format	Color
R_{YB}	187, 146, 138
Decimal	12292490
CIE _{Lab}	63.88, 14.79, 9.80
CIE _{LCh}	64, 17.738, 33.522
Yxy	32.6506, 0.3654, 0.3389
Android (android.graphics.Color)	4290482570 (0xFFBB918A)
YUV	156.7600, -9.2487, 26.5205
Hunter-Lab	57.1407, 9.9839, 10.4354

Details

The XYZ color **35.2064, 32.6506, 28.4914** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7717, 41.6325, 53.1644**, and the grayscale version is **31.9724, 33.6374, 36.6312**.

A 20% lighter version of the original color is **67.1356, 63.8415, 58.0744**, and **15.4370, 13.6965, 11.0626** is the 20% darker color. If you saturate the color by 10%, you get **31.6888, 27.5986, 21.2046**, and if you desaturate by 10%, it is **39.3044, 38.4899, 37.1224**.

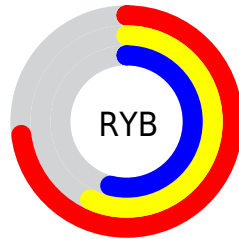
Distribution



Red (73%)

Green (57%)

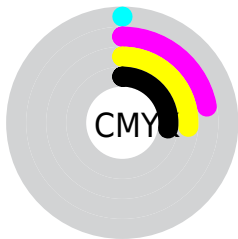
Blue (54%)



Red (73%)

Yellow (57%)

Blue (54%)

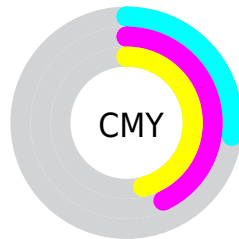


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (27%)



Cyan (27%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2064, 32.6506, 28.4914 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 35.2064, 32.6506, 28.4914 by changing the saturation by 10% instead.

 35.2064, 32.6506,
28.4914


 35.2064, 32.6506,
28.4914


316.9705,
314.0724, 308.7931


 23.9892, 21.8589,
18.4542


 67.1373, 63.8296,
58.3005

 15.4503, 13.7533,
11.1037


 88.5817, 84.9858,
78.9095

 9.2244, 7.9493,
6.0216


 114.1658,
110.3656, 103.8795

 4.9461, 4.0625,
2.7892

144.2551,
140.3533, 133.6290

 2.2501, 1.7086,
0.9880

179.2149,
175.3335, 168.5766

 0.7689, 0.4292,
0.0000

219.4104,

 0.0000, 0.0000,

215.6905, 209.1407

0.0000

265.2072,
261.8086, 255.7401

■ 35.2064, 32.6506,
28.4914

■ 35.2064, 32.6506,
28.4914

■ 31.6888, 27.5986,
21.2046

■ 39.3044, 38.4899,
37.1224

■ 28.7227, 23.2958,
15.1924

■ 44.0048, 45.1434,
47.1586

■ 26.2804, 19.7077,
10.3818

■ 49.3317, 52.6426,
58.6596

■ 24.3312, 16.7954,
6.6916

■ 55.3070, 61.0155,
71.6809

■ 22.8405, 14.5160,
4.0306

■ 61.9516, 70.2893,
86.2751

■ 21.7696, 12.8219,
2.2932

■ 69.2856, 80.4897,
102.4925

■ 21.0712, 11.6578,
1.3435

■ 74.3036, 89.3048,
107.9291

■ 20.8794, 11.3363,
1.0877

Harmonies

Analogous

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



36.0713, 32.6506, 34.7137



35.2064, 32.6506, 28.4914



33.2215, 32.6506, 24.6180

Triad

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



35.2064, 32.6506, 28.4914



26.9349, 32.6506, 29.7712



31.3290, 32.6506, 51.1002

Complementary

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



35.2064, 32.6506, 28.4914



35.7717, 41.6325, 53.1644

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.



28.9436, 32.6506, 49.3192



35.2064, 32.6506, 28.4914



26.4879, 32.6506, 36.4016

Square

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



35.2064, 32.6506, 28.4914



28.4591, 32.6506, 25.2845



27.2039, 32.6506, 43.6898



33.7584, 32.6506, 48.2769

Rectangle

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



35.2064, 32.6506, 28.4914



31.5777, 32.6506, 23.5739



27.2039, 32.6506, 43.6898



30.4954, 32.6506, 51.0216

Sweetspot

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



35.2073, 32.6521, 28.4921



77.1042, 78.4394, 80.7967



37.8682, 32.0565, 47.6216



16.6902, 16.8645, 17.1731



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.2073, 32.6521, 28.4921



59.5908, 53.5128, 43.8214



39.2754, 40.7885, 29.8481



9.6373, 9.7505, 9.9507



14.4187, 7.8762, 0.7603



0.6006, 0.3801, 0.0417

Inverse Universe

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



35.7717, 41.6325, 53.1644



60.7538, 72.0991, 94.9159



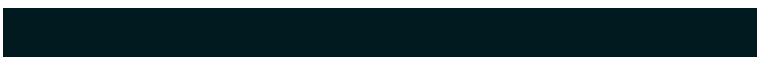
31.3341, 32.7573, 51.6852



9.6892, 10.5707, 12.2019



14.9144, 19.9405, 35.4557



0.6165, 0.8457, 1.3996

Previews

White Background



This preview shows how the XYZ color 35.2064, 32.6506, 28.4914 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 35.2064, 32.6506, 28.4914 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 35.2064, 32.6506, 28.4914

Background



This preview shows how black text looks on a background with the XYZ color 35.2064, 32.6506, 28.4914.



This preview shows how white text looks on a background with the XYZ color 35.2064, 32.6506,

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

35.2064, 32.6506, 28.4914

Protanopia

31.2115, 32.6714, 30.6478

Deuteranopia

33.1673, 32.5311, 28.1979



Tritanopia

36.6415, 32.7968, 34.9711

Trichromacy



Original Color

35.2064, 32.6506, 28.4914

Protanomaly

32.4519, 32.6024, 29.7818

Deuteranomaly

33.9277, 32.6893, 28.1884

Tritanomaly

36.0576, 32.7760, 32.4429

Monochromacy



Original Color

35.2064, 32.6506, 28.4914

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0447, 33.3093, 33.5419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2064, 32.6506, 28.4914 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(187, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(187, 145, 138)  
}
```

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(187, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 145, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.2064, 32.6506, 28.4914 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(187, 145, 138) }
```


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

```
.border{ border-color:rgb(187, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 145, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 145, 138); box-shadow:4px 4px 4px 4px rgb(187, 145, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2064, 32.6506, 28.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 145, 138) }
```

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

```
.background{ background-color: rgb(187,  
145, 138) }
```

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