

Converting Colors

XYZ(35.3429, 35.0810, 29.0912)

Have a look what the booklet for
XYZ(35.3429, 35.0810, 29.0912)
contains.

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Color

**XYZ(35.3648, 35.1014,
28.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	B59B8A
RGB	181, 155, 138
RGB Percent	71%, 61%, 54%
CMY	0.2902, 0.3921, 0.4588
CMYK	0.00, 0.14, 0.24, 0.29
HSL	24°, 23%, 63%
HSV	24°, 24%, 71%
XYZ	35.3648, 35.1014, 28.9561
YIQ	160.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

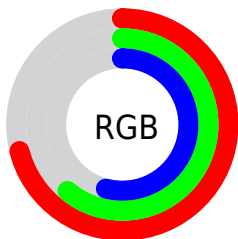
Format	Color
RYB	181, 166, 138
Decimal	11901834
CIELab	65.83, 6.92, 12.47
CIElCh	66, 14.258, 60.974
Yxy	35.1014, 0.3557, 0.3531
Android (android.graphics.Color)	4290091914 (0xFFB59B8A)
YUV	160.8360, -11.2581, 17.6838
Hunter-Lab	59.2464, 2.8672, 12.4951

Details

The XYZ color **35.3648, 35.1014, 28.9561** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0969, 35.2894, 48.8360**, and the grayscale version is **33.8447, 35.6072, 38.7763**.

A 20% lighter version of the original color is **67.1295, 67.3670, 58.7552**, and **15.6139, 15.1944, 11.3424** is the 20% darker color. If you saturate the color by 10%, you get **32.4229, 31.1427, 22.0402**, and if you desaturate by 10%, it is **38.6920, 39.4807, 37.0787**.

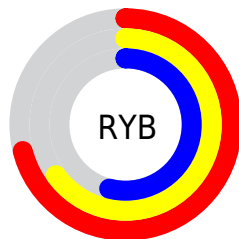
Distribution



Red (71%)

Green (61%)

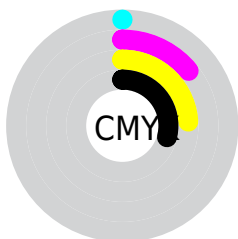
Blue (54%)



Red (71%)

Yellow (65%)

Blue (54%)

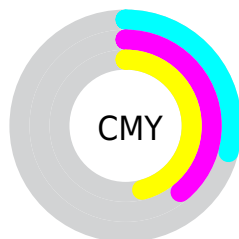


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3648, 35.1014, 28.9561 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 35.3648, 35.1014, 28.9561 by changing the saturation by 10% instead.


 35.3648, 35.1014,
28.9561


 35.3648, 35.1014,
28.9561


317.6555,
325.0157, 311.0622


 24.1118, 23.7410,
18.8023


 67.3808, 67.6428,
59.0487

 15.5418, 15.1416,
11.3522


 88.8746, 89.5926,
79.8246

 9.2893, 8.9188,
6.1871


 114.5127,
115.8410, 104.9782

 4.9890, 4.6883,
2.8885

144.6605,
146.7724, 134.9282

 2.2755, 2.0655,
1.0380

179.6833,
182.7712, 170.0931

 0.7821, 0.6451,
0.0000

219.9465,

 0.0000, 0.0000,

224.2217, 210.8913

0.0000

265.8155,
271.5084, 257.7415

■ 35.3648, 35.1014,
28.9561

■ 35.3648, 35.1014,
28.9561

■ 32.4229, 31.1427,
22.0402

■ 38.6920, 39.4807,
37.0787

■ 29.8484, 27.5869,
16.2704

■ 42.4161, 44.2884,
46.4603

■ 27.6259, 24.4217,
11.5841

■ 46.5514, 49.5378,
57.1526

■ 25.7377, 21.6325,
7.9118

■ 51.1107, 55.2404,
69.2039

■ 24.1645, 19.2034,
5.1757

■ 56.1064, 61.4070,
82.6599

■ 22.8843, 17.1174,
3.2864

■ 61.5500, 68.0483,
97.5641

■ 21.8716, 15.3553,
2.1369

■ 65.8511, 74.5337,
105.5235

■ 21.3460, 14.4036,
1.6551

■ 69.0209, 80.8733,
106.5801

■ 72.3857, 87.6030,
107.7017

Harmonies

Analogous

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



36.9536, 35.1014, 32.5606



35.3648, 35.1014, 28.9561



33.2941, 35.1014, 27.7646

Triad

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



35.3648, 35.1014, 28.9561



29.4786, 35.1014, 38.4168



35.4888, 35.1014, 49.0407

Complementary

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



35.3648, 35.1014, 28.9561



32.0969, 35.2894, 48.8360

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.



33.4317, 35.1014, 51.0158



35.3648, 35.1014, 28.9561



30.0125, 35.1014, 44.4987

Square

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



35.3648, 35.1014, 28.9561



29.9485, 35.1014, 32.8682



31.4379, 35.1014, 49.2736



37.0273, 35.1014, 44.1222

Rectangle

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



35.3648, 35.1014, 28.9561



31.9354, 35.1014, 28.3884



31.4379, 35.1014, 49.2736



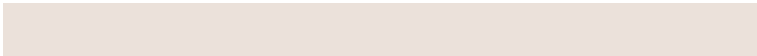
34.8322, 35.1014, 50.0927

Sweetspot

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



35.3657, 35.1030, 28.9568



73.6438, 76.3386, 77.3052



34.8924, 30.7002, 39.4541



15.8319, 16.3898, 16.4930



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.3657, 35.1030, 28.9568



60.2378, 58.7158, 44.5076



39.1658, 42.7030, 30.2235



8.7629, 9.0383, 8.9352



14.7791, 10.0568, 1.1622



0.5228, 0.4320, 0.0558

Inverse Universe

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



32.0969, 35.2894, 48.8360



53.2645, 59.1075, 86.8962



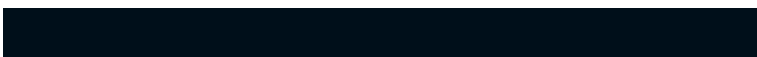
28.6471, 28.3899, 47.6861



8.4550, 9.0562, 10.8087



9.6202, 10.0408, 31.5680



0.3577, 0.4259, 1.0116

Previews

White Background



This preview shows how the XYZ color 35.3648, 35.1014, 28.9561 looks on a white background.

Color Contrast Check

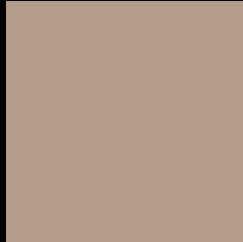
Large Text (above 18pt) WCAG AA × Fail

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 35.3648, 35.1014, 28.9561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

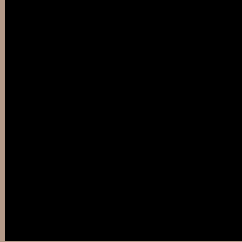
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3648, 35.1014, 28.9561

Background



This preview shows how black text looks on a background with the XYZ color 35.3648, 35.1014, 28.9561.



This preview shows how white text looks on a background with the XYZ color 35.3648, 35.1014,

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

35.3648, 35.1014, 28.9561

Protanopia

33.2408, 35.2506, 29.8630

Deuteranopia

35.6715, 35.0135, 28.9229



Tritanopia

37.4446, 34.9679, 39.4263

Trichromacy



Original Color

35.3648, 35.1014, 28.9561

Protanomaly

33.9003, 35.0885, 29.4121

Deuteranomaly

35.4345, 34.8913, 28.9118

Tritanomaly

36.5894, 34.8568, 35.3714

Monochromacy



Original Color

35.3648, 35.1014, 28.9561

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.2964, 35.4210, 35.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3648, 35.1014, 28.9561 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(181, 155, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 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(181, 155, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.3648, 35.1014, 28.9561 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(181, 155, 138) }
```


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

```
.border{ border-color:rgb(181, 155, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 155, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 155, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 155, 138); box-shadow:4px 4px 4px 4px rgb(181, 155, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3648, 35.1014, 28.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 155, 138) }
```

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

```
.background{ background-color: rgb(181,  
155, 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](#).

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