

Converting Colors

XYZ(35.4376, 35.1305, 29.3392)

Have a look what the booklet for
XYZ(35.4376, 35.1305, 29.3392)
contains.

XYZ(35.4376, 35.1305, 29.3392)	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(35.4376, 35.1305,
29.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	B59B8B
RGB	181, 155, 139
RGB Percent	71%, 61%, 55%
CMY	0.2902, 0.3921, 0.4549
CMYK	0.00, 0.14, 0.23, 0.29
HSL	23°, 22%, 63%
HSV	23°, 23%, 71%
XYZ	35.4376, 35.1305, 29.3392
YIQ	160.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

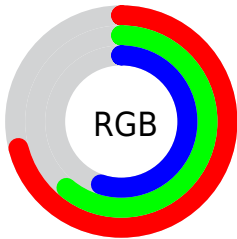
Format	Color
R _Y B	181, 165, 139
Decimal	11901835
CIE Lab	65.85, 7.07, 11.94
CIE LCh	66, 13.876, 59.382
Yxy	35.1305, 0.3547, 0.3516
Android (android.graphics.Color)	4290091915 (0xFFB59B8B)
YUV	160.9500, -10.8213, 17.5839
Hunter-Lab	59.2710, 2.9993, 12.1411

Details

The XYZ color **35.4376, 35.1305, 29.3392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4428, 35.7346, 48.9038**, and the grayscale version is **33.8958, 35.6610, 38.8348**.

A 20% lighter version of the original color is **67.2399, 67.4112, 59.3369**, and **15.6556, 15.2111, 11.5621** is the 20% darker color. If you saturate the color by 10%, you get **32.4445, 31.0882, 22.3480**, and if you desaturate by 10%, it is **38.8246, 39.6096, 37.5428**.

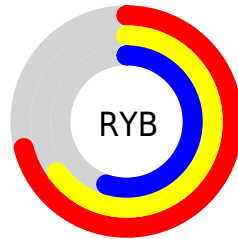
Distribution



Red (71%)

Green (61%)

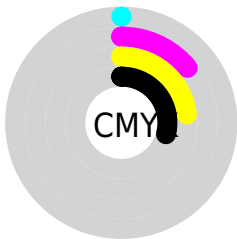
Blue (55%)



Red (71%)

Yellow (65%)

Blue (55%)

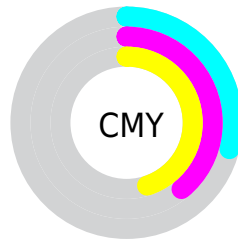


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4376, 35.1305, 29.3392 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 35.4376, 35.1305, 29.3392 by changing the saturation by 10% instead.


 35.4376, 35.1305,
29.3392


 35.4376, 35.1305,
29.3392


317.9700,
325.1440, 312.9229


 24.1682, 23.7634,
19.0898

 67.4927, 67.6879,
59.6642

 15.5839, 15.1582,
11.5577


 89.0091, 89.6470,
80.5768

 9.3192, 8.9305,
6.3244


 114.6720,
115.9055, 105.8810

 5.0087, 4.6959,
2.9714

144.8466,
146.8479, 135.9951

 2.2872, 2.0700,
1.0800

179.8984,
182.8586, 171.3379

 0.7881, 0.6476,
0.0000

220.1926,

 0.0000, 0.0000,

224.3219, 212.3277

0.0000

266.0947,
271.6222, 259.3832

■ 35.4376, 35.1305,
29.3392

■ 35.4376, 35.1305,
29.3392

■ 32.4445, 31.0882,
22.3480

■ 38.8246, 39.6096,
37.5428

■ 29.8269, 27.4643,
16.5088

■ 42.6173, 44.5338,
47.0109

■ 27.5694, 24.2458,
11.7590

■ 46.8302, 49.9170,
57.7953

■ 25.6539, 21.4175,
8.0295

■ 51.4765, 55.7712,
69.9440

■ 24.0608, 18.9628,
5.2429

■ 56.5686, 62.1079,
83.5029

■ 22.7677, 16.8638,
3.3104

■ 62.1185, 68.9381,
98.5155

■ 21.7491, 15.1005,
2.1259

■ 66.3662, 75.5639,
105.6952

■ 21.1823, 14.0761,
1.6005

■ 69.6469, 82.1254,
106.7887

■ 72.8662, 88.5638,
107.8618

Harmonies

Analogous

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



36.9426, 35.1305, 32.9779



35.4376, 35.1305, 29.3392



33.4330, 35.1305, 28.0412

Triad

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



35.4376, 35.1305, 29.3392



29.6037, 35.1305, 38.1296



35.3611, 35.1305, 48.9498

Complementary

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



35.4376, 35.1305, 29.3392



32.4428, 35.7346, 48.9038

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.



33.3480, 35.1305, 50.6798



35.4376, 35.1305, 29.3392



30.0737, 35.1305, 44.0586

Square

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



35.4376, 35.1305, 29.3392



30.1133, 35.1305, 32.7873



31.4238, 35.1305, 48.8065



36.8972, 35.1305, 44.2906

Rectangle

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



35.4376, 35.1305, 29.3392



32.1000, 35.1305, 28.5638



31.4238, 35.1305, 48.8065



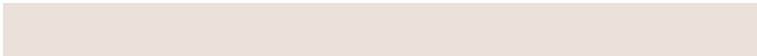
34.7151, 35.1305, 49.9131

Sweetspot

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



35.4385, 35.1321, 29.3399



73.5800, 76.2111, 77.2840



35.1353, 31.0280, 40.0218



15.8170, 16.3601, 16.4881



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.



35.4385, 35.1321, 29.3399



60.5610, 59.0130, 45.6915



39.1245, 42.5040, 30.5686



8.7529, 9.0184, 8.9319



14.6650, 9.8286, 1.1242



0.5188, 0.4240, 0.0545

Inverse Universe

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



32.4428, 35.7346, 48.9038



54.2217, 60.2817, 87.0724



29.0528, 28.9544, 47.7738



8.4652, 9.0767, 10.8121



9.8151, 10.4307, 31.6330



0.3630, 0.4366, 1.0134

Previews

White Background



This preview shows how the XYZ color 35.4376, 35.1305, 29.3392 looks on a white background.

Color Contrast Check

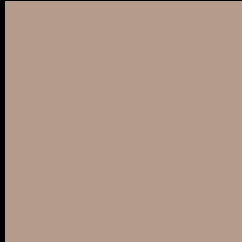
Large Text (above 18pt) WCAG AA × Fail

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 35.4376, 35.1305, 29.3392 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 35.4376, 35.1305, 29.3392

Background



This preview shows how black text looks on a background with the XYZ color 35.4376, 35.1305, 29.3392.



This preview shows how white text looks on a background with the XYZ color 35.4376, 35.1305,

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

35.4376, 35.1305, 29.3392

Protanopia

33.3149, 35.2802, 30.2532

Deuteranopia

35.7442, 35.0426, 29.3061



Tritanopia

37.4446, 34.9679, 39.4263

Trichromacy



Original Color

35.4376, 35.1305, 29.3392

Protanomaly

33.9737, 35.1178, 29.7988

Deuteranomaly

35.5072, 34.9204, 29.2950

Tritanomaly

36.5894, 34.8568, 35.3714

Monochromacy



Original Color

35.4376, 35.1305, 29.3392

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 35.4376, 35.1305, 29.3392 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 155, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 155, 139) }
```

Border

The CSS property to change the border of an element to XYZ 35.4376, 35.1305, 29.3392 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, 139) }
```


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

```
.border{ border-color:rgb(181, 155, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 155, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 155, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 155,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4376, 35.1305, 29.3392 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, 139) }
```

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

```
.background{ background-color: rgb(181,  
155, 139) }
```

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