

Converting Colors

XYZ(35.2125, 35.2541, 29.7598)

Have a look what the booklet for
XYZ(35.2125, 35.2541, 29.7598)
contains.

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Color

**XYZ(35.2125, 35.2541,
29.7598)**

Conversions

Conversions Part 1

Format	Color
Hex	B39C8C
RGB	179, 156, 140
RGB Percent	70%, 61%, 55%
CMY	0.2980, 0.3882, 0.4510
CMYK	0.00, 0.13, 0.22, 0.30
HSL	25°, 20%, 63%
HSV	25°, 22%, 70%
XYZ	35.2125, 35.2541, 29.7598
YIQ	161.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

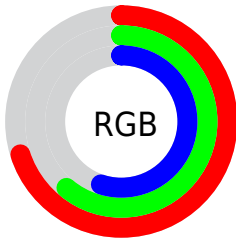
Format	Color
R _Y B	179, 167, 140
Decimal	11771020
CIE Lab	65.95, 5.89, 11.49
CIE LCh	66, 12.914, 62.863
Yxy	35.2541, 0.3513, 0.3517
Android (android.graphics.Color)	4289961100 (0xFFB39C8C)
YUV	161.0530, -10.3791, 15.7395
Hunter-Lab	59.3752, 1.9531, 11.8455

Details

The XYZ color **35.2125, 35.2541, 29.7598** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0489, 35.0236, 47.7191**, and the grayscale version is **33.9423, 35.7099, 38.8881**.

A 20% lighter version of the original color is **67.0451, 67.6504, 60.5631**, and **15.5012, 15.2770, 11.8046** is the 20% darker color. If you saturate the color by 10%, you get **32.3039, 31.3799, 22.7996**, and if you desaturate by 10%, it is **38.4917, 39.5252, 37.9037**.

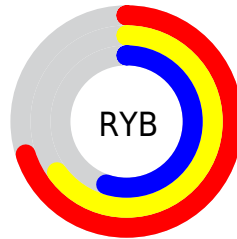
Distribution



Red (70%)

Green (61%)

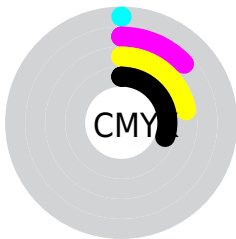
Blue (55%)



Red (70%)

Yellow (65%)

Blue (55%)

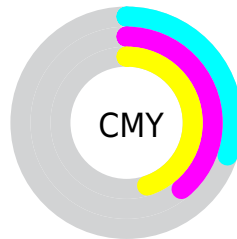


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2125, 35.2541, 29.7598 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 35.2125, 35.2541, 29.7598 by changing the saturation by 10% instead.


 35.2125, 35.2541,
29.7598


 35.2125, 35.2541,
29.7598


316.9969,
325.6885, 314.9556


 23.9939, 23.8587,
19.4058

 67.1467, 67.8792,
60.3386

 15.4538, 15.2288,
11.7841


 88.5930, 89.8777,
81.4006

 9.2269, 8.9801,
6.4761


 114.1792,
116.1793, 106.8689

 4.9478, 4.7282,
3.0633

144.2707,
147.1685, 137.1622

 2.2511, 2.0887,
1.1270

179.2329,
183.2296, 172.6990

 0.7695, 0.6583,
0.0000

219.4311,

 0.0000, 0.0000,

224.7471, 213.8978

0.0000

265.2306,
272.1052, 261.1771

■ 35.2125, 35.2541,
29.7598

■ 35.2125, 35.2541,
29.7598

■ 32.3039, 31.3799,
22.7996

■ 38.4917, 39.5252,
37.9037

■ 29.7487, 27.8860,
16.9650

■ 42.1520, 44.1999,
47.2811

■ 27.5327, 24.7612,
12.1961

■ 46.2072, 49.2905,
57.9420

■ 25.6393, 21.9923,
8.4269

■ 50.6692, 54.8076,
69.9325

■ 24.0503, 19.5648,
5.5834

■ 55.5496, 60.7612,
83.2967

■ 22.7454, 17.4632,
3.5817

■ 60.8596, 67.1611,
98.0767

■ 21.7010, 15.6703,
2.3217

■ 64.9061, 73.3351,
105.3419

■ 21.0029, 14.4085,
1.6741

■ 67.9311, 79.3850,
106.3502

■ 71.1369, 85.7966,
107.4188

Harmonies

Analogous

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



36.6910, 35.2541, 32.9527



35.2125, 35.2541, 29.7598



33.3247, 35.2541, 28.8034

Triad

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



35.2125, 35.2541, 29.7598



29.9696, 35.2541, 38.9138



35.5421, 35.2541, 47.9235

Complementary

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



35.2125, 35.2541, 29.7598



32.0489, 35.0236, 47.7191

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.



33.6919, 35.2541, 49.8875



35.2125, 35.2541, 29.7598



30.5146, 35.2541, 44.3854

Square

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



35.2125, 35.2541, 29.7598



30.3425, 35.2541, 33.7820



31.8593, 35.2541, 48.5356



36.8863, 35.2541, 43.3898

Rectangle

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



35.2125, 35.2541, 29.7598



32.1002, 35.2541, 29.4807



31.8593, 35.2541, 48.5356



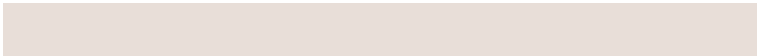
34.9563, 35.2541, 48.9246

Sweetspot

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



35.2134, 35.2557, 29.7605



71.9114, 74.6057, 75.4449



34.6156, 30.9990, 38.9979



15.8473, 16.4206, 16.4982



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.



35.2134, 35.2557, 29.7605



60.5613, 59.8262, 47.2431



38.6737, 42.1763, 30.9140



8.7732, 9.0589, 8.9387



14.9024, 10.3034, 1.2033



0.5270, 0.4403, 0.0572

Inverse Universe

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



32.0489, 35.0236, 47.7191



53.9075, 59.3352, 84.9928



28.9105, 28.7469, 46.6730



8.4444, 9.0350, 10.8052



9.4242, 9.6488, 31.5027



0.3522, 0.4150, 1.0098

Previews

White Background



This preview shows how the XYZ color 35.2125, 35.2541, 29.7598 looks on a white background.

Color Contrast Check

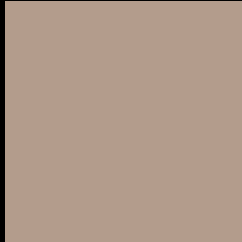
Large Text (above 18pt) WCAG AA × Fail

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 35.2125, 35.2541, 29.7598 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 35.2125, 35.2541, 29.7598

Background



This preview shows how black text looks on a background with the XYZ color 35.2125, 35.2541, 29.7598.



This preview shows how white text looks on a background with the XYZ color 35.2125, 35.2541,

29.7598.

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

35.2125, 35.2541, 29.7598

Protanopia

33.3896, 35.3101, 30.6469

Deuteranopia

35.8177, 35.0719, 29.6927



Tritanopia

37.2205, 35.0819, 39.9317

Trichromacy



Original Color

35.2125, 35.2541, 29.7598

Protanomaly

34.0004, 35.3773, 30.2358

Deuteranomaly

35.7464, 35.2812, 29.7369

Tritanomaly

36.3637, 34.9728, 35.8442

Monochromacy



Original Color

35.2125, 35.2541, 29.7598

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 35.2125, 35.2541, 29.7598 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(179, 156, 140)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 140)  
}
```

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(179, 156, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.2125, 35.2541, 29.7598 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(179, 156, 140) }
```


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

```
.border{ border-color:rgb(179, 156, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 156, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 140);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2125, 35.2541, 29.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 140) }
```

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

```
.background{ background-color: rgb(179,  
156, 140) }
```

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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