

Converting Colors

XYZ(35.4035, 32.5429, 27.7080)

Have a look what the booklet for
XYZ(35.4035, 32.5429, 27.7080)
contains.

XYZ(35.4035, 32.5429, 27.7080)	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(35.4035, 32.5429,
27.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9088
RGB	189, 144, 136
RGB Percent	74%, 56%, 53%
CMY	0.2588, 0.4353, 0.4667
CMYK	0.00, 0.24, 0.28, 0.26
HSL	9°, 29%, 64%
HSV	9°, 28%, 74%
XYZ	35.4035, 32.5429, 27.7080
YIQ	156.5430, 29.3880, 7.0520

Conversions

Conversions Part 2

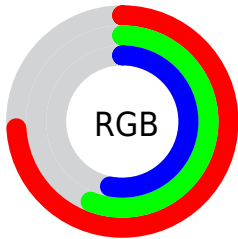
Format	Color
RYB	189, 145, 136
Decimal	12423304
CIELab	63.79, 15.84, 10.83
CIELCh	64, 19.184, 34.363
Yxy	32.5429, 0.3701, 0.3402
Android (android.graphics.Color)	4290613384 (0xFFBD9088)
YUV	156.5430, -10.1277, 28.4648
Hunter-Lab	57.0464, 10.9475, 11.1347

Details

The XYZ color **35.4035, 32.5429, 27.7080** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.8621, 41.9550, 54.3524**, and the grayscale version is **31.8781, 33.5383, 36.5232**.

A 20% lighter version of the original color is **67.3854, 63.6551, 56.8792**, and **15.5857, 13.6515, 10.6176** is the 20% darker color. If you saturate the color by 10%, you get **31.9170, 27.5332, 20.4930**, and if you desaturate by 10%, it is **39.4741, 38.3413, 36.2870**.

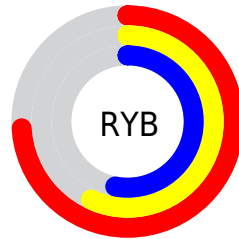
Distribution



Red (74%)

Green (56%)

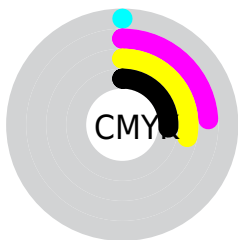
Blue (53%)



Red (74%)

Yellow (57%)

Blue (53%)

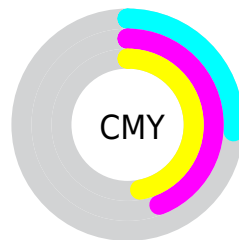


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4035, 32.5429, 27.7080 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 35.4035, 32.5429, 27.7080 by changing the saturation by 10% instead.


 35.4035, 32.5429,
27.7080


 35.4035, 32.5429,
27.7080


317.8227,
313.5850, 304.9369


 24.1418, 21.7765,
17.8685


 67.4403, 63.6612,
57.0354

 15.5642, 13.6928,
10.6872


 88.9461, 84.7819,
77.3604

 9.3052, 7.9073,
5.7454


 114.5974,
110.1229, 102.0177

 4.9995, 4.0357,
2.6246

144.7595,
140.0685, 131.4257

 2.2817, 1.6935,
0.9051

179.7977,
175.0031, 166.0032

 0.7853, 0.4195,
0.0000

220.0774,

 0.0000, 0.0000,

215.3111, 206.1685

0.0000

265.9639,
261.3769, 252.3402

■ 35.4035, 32.5429,
27.7080

■ 35.4035, 32.5429,
27.7080

■ 31.9170, 27.5332,
20.4930

■ 39.4741, 38.3413,
36.2870

■ 28.9851, 23.2736,
14.5697

■ 44.1513, 44.9557,
46.2932

■ 26.5794, 19.7293,
9.8619

■ 49.4597, 52.4177,
57.7884

■ 24.6682, 16.8605,
6.2850

■ 55.4216, 60.7559,
70.8300

■ 23.2162, 14.6240,
3.7430

■ 62.0585, 69.9976,
85.4727

■ 22.1830, 12.9710,
2.1243

■ 69.3906, 80.1688,
101.7680

■ 21.5147, 11.8430,
1.2583

■ 74.7964, 89.5589,
107.9521

■ 21.4146, 11.6753,
1.1249

Harmonies

Analogous

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



36.3844, 32.5429, 34.3179



35.4035, 32.5429, 27.7080



33.2250, 32.5429, 23.6791

Triad

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



35.4035, 32.5429, 27.7080



26.4953, 32.5429, 29.3991



31.3265, 32.5429, 52.3649

Complementary

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



35.4035, 32.5429, 27.7080



35.8621, 41.9550, 54.3524

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.



28.7452, 32.5429, 50.5486



35.4035, 32.5429, 27.7080



26.0518, 32.5429, 36.5734

Square

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



35.4035, 32.5429, 27.7080



28.1006, 32.5429, 24.5516



26.8521, 32.5429, 44.4765



33.9455, 32.5429, 49.1330

Rectangle

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



35.4035, 32.5429, 27.7080



31.4423, 32.5429, 22.6342



26.8521, 32.5429, 44.4765



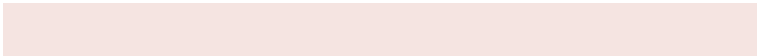
30.4254, 32.5429, 52.3276

Sweetspot

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



35.4044, 32.5444, 27.7087



78.9977, 80.4068, 82.7452



38.1364, 31.7658, 47.8647



16.7011, 16.8863, 17.1767



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.



35.4044, 32.5444, 27.7087



59.2322, 52.2949, 40.9535



39.8898, 41.5152, 29.2038



9.6434, 9.7627, 9.9528



14.4443, 7.9274, 0.7688



0.6033, 0.3854, 0.0426

Inverse Universe

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



35.8621, 41.9550, 54.3524



60.1853, 72.0599, 96.9631



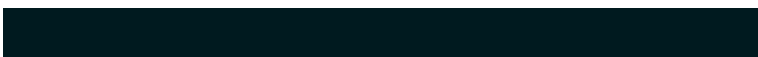
30.9856, 32.2020, 52.7269



9.6825, 10.5573, 12.1997



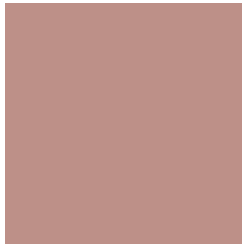
14.7364, 19.5845, 35.3964



0.6110, 0.8347, 1.3978

Previews

White Background



This preview shows how the XYZ color 35.4035, 32.5429, 27.7080 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 35.4035, 32.5429, 27.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

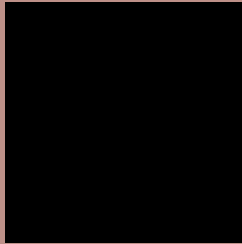
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4035, 32.5429, 27.7080

Background



This preview shows how black text looks on a background with the XYZ color 35.4035, 32.5429, 27.7080.



This preview shows how white text looks on a background with the XYZ color 35.4035, 32.5429,

27.7080.

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

35.4035, 32.5429, 27.7080

Protanopia

31.0613, 32.6114, 29.8568

Deuteranopia

33.2521, 32.5913, 27.4598



Tritanopia

36.8264, 32.6894, 34.0745

Trichromacy



Original Color

35.4035, 32.5429, 27.7080

Protanomaly

32.3611, 32.3347, 28.9617

Deuteranomaly

33.8629, 32.4405, 27.3985

Tritanomaly

36.2460, 32.6674, 31.5892

Monochromacy



Original Color

35.4035, 32.5429, 27.7080

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0152, 33.0614, 33.0752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4035, 32.5429, 27.7080 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(189, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(189, 144, 136)  
}
```

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(189, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 144, 136) }
```

Border

The CSS property to change the border of an element to XYZ 35.4035, 32.5429, 27.7080 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(189, 144, 136) }
```


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

```
.border{ border-color:rgb(189, 144, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 144, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 144, 136);  
box-shadow:4px 4px 4px 4px rgb(189, 144,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4035, 32.5429, 27.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 144, 136) }
```

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

```
.background{ background-color: rgb(189,  
144, 136) }
```

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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