

Converting Colors

XYZ(42.6783, 35.3034, 30.6883)

Have a look what the booklet for
XYZ(42.6783, 35.3034, 30.6883)
contains.

XYZ(42.6549, 35.3383, 30.5594)	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(42.6549, 35.3383,
30.5594)**

Conversions

Conversions Part 1

Format	Color
Hex	D88C8F
RGB	216, 140, 143
RGB Percent	85%, 55%, 56%
CMY	0.1529, 0.4510, 0.4392
CMYK	0.00, 0.35, 0.34, 0.15
HSL	358°, 49%, 70%
HSV	358°, 35%, 85%
XYZ	42.6549, 35.3383, 30.5594
YIQ	163.0660, 44.3330, 17.0450

Conversions

Conversions Part 2

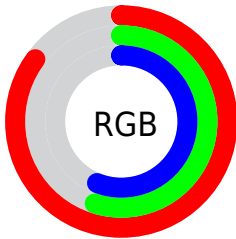
Format	Color
R _Y B	216, 140, 143
Decimal	14191759
CIE Lab	66.01, 29.31, 10.45
CIE LCh	66, 31.119, 19.627
Yxy	35.3383, 0.3929, 0.3255
Android (android.graphics.Color)	4292381839 (0xFFD88C8F)
YUV	163.0660, -9.8925, 46.4231
Hunter-Lab	59.4460, 24.0503, 11.1330

Details

The XYZ color **42.6549, 35.3383, 30.5594** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.3829, 59.4920, 71.9398**, and the grayscale version is **34.8754, 36.6916, 39.9572**.

A 20% lighter version of the original color is **70.6098, 63.8748, 61.4308**, and **19.8462, 15.3060, 12.2643** is the 20% darker color. If you saturate the color by 10%, you get **38.3737, 29.0630, 22.0816**, and if you desaturate by 10%, it is **47.8482, 42.9722, 40.7762**.

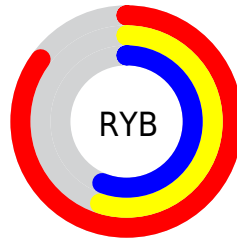
Distribution



Red (85%)

Green (55%)

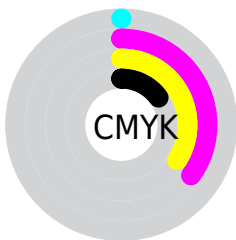
Blue (56%)



Red (85%)

Yellow (55%)

Blue (56%)

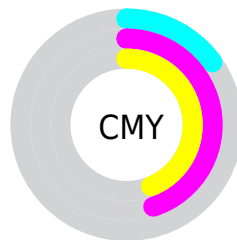


Cyan (0%)

Magenta (35%)

Yellow (34%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6549, 35.3383, 30.5594 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 42.6549, 35.3383, 30.5594 by changing the saturation by 10% instead.


 42.6549, 35.3383,
30.5594


 42.6549, 35.3383,
30.5594


348.1362,
326.0591, 318.7914


 29.8078, 23.9236,
20.0079


 78.4488, 68.0095,
61.6171

 19.8401, 15.2769,
12.2167


 102.1263, 90.0348,
82.9605

 12.3864, 9.0140,
6.7671

 130.1446,
116.3658, 108.7382

 7.0815, 4.7503,
3.2406

162.8691,
147.3868, 139.3689

 3.5599, 2.1015,
1.2188

200.6652,
183.4822, 175.2710

 1.4563, 0.6655,
0.0000

243.8982,

 0.2958, 0.0000,

225.0364, 216.8631

0.0000

292.9334,
272.4339, 264.5637

■ 0.0000, 0.0000,
0.0000

■ 42.6549, 35.3383,
30.5594

■ 42.6549, 35.3383,
30.5594

■ 38.3737, 29.0630,
22.0816

■ 47.8482, 42.9722,
40.7762

■ 34.9494, 24.0620,
15.2441

■ 53.9990, 52.0325,
52.8190

■ 32.3250, 20.2495,
9.9413

■ 61.1531, 62.5885,
66.7718

■ 30.4356, 17.5270,
6.0548

■ 69.3526, 74.7034,
82.7124

■ 29.2061, 15.7805,
3.4485

■ 78.6372, 88.4370,
100.7145

■ 28.5453, 14.8702,
1.9601

■ 82.1289, 93.3389,
108.2953

■ 28.3655, 14.6176,
1.5709

Harmonies

Analogous

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



43.0908, 35.3383, 43.2350



42.6549, 35.3383, 30.5594



39.6677, 35.3383, 22.1870

Triad

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



42.6549, 35.3383, 30.5594



27.2732, 35.3383, 24.2561



32.0161, 35.3383, 69.2664

Complementary

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



42.6549, 35.3383, 30.5594



47.3829, 59.4920, 71.9398

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.



28.1636, 35.3383, 61.2579



42.6549, 35.3383, 30.5594



25.5963, 35.3383, 34.0822

Square

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



42.6549, 35.3383, 30.5594



30.6957, 35.3383, 19.1667



25.9066, 35.3383, 47.6570



36.6565, 35.3383, 67.7083

Rectangle

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



42.6549, 35.3383, 30.5594



36.7716, 35.3383, 19.2378



25.9066, 35.3383, 47.6570



30.5937, 35.3383, 67.5437

Sweetspot

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



42.6558, 35.3400, 30.5601



82.7067, 81.7753, 84.8643



48.9828, 37.7426, 69.6691



17.4045, 17.0635, 17.5827



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.6558, 35.3400, 30.5601



57.4916, 44.6794, 35.3516



48.2283, 46.8432, 31.3130



12.4429, 12.4287, 13.0065



16.7988, 8.6558, 0.9787



1.0204, 0.5249, 0.0966

Inverse Universe

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



42.6558, 35.3400, 30.5601



57.4916, 44.6794, 35.3516



39.8984, 43.9089, 71.3381



12.4429, 12.4287, 13.0065



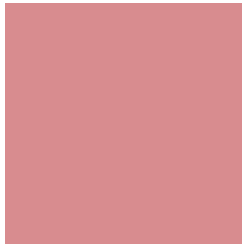
16.7988, 8.6558, 0.9787



1.0204, 0.5249, 0.0966

Previews

White Background



This preview shows how the XYZ color 42.6549, 35.3383, 30.5594 looks on a white background.

Color Contrast Check

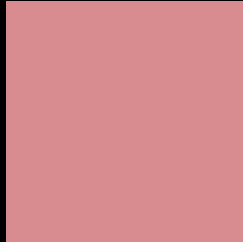
Large Text (above 18pt) WCAG AA × Fail

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 42.6549, 35.3383, 30.5594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

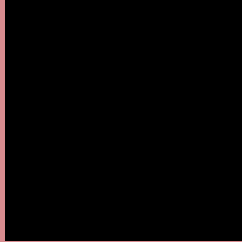
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6549, 35.3383, 30.5594

Background



This preview shows how black text looks on a background with the XYZ color 42.6549, 35.3383, 30.5594.



This preview shows how white text looks on a background with the XYZ color 42.6549, 35.3383,

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

42.6549, 35.3383, 30.5594

Protanopia

33.9206, 35.4740, 35.6312

Deuteranopia

36.2221, 35.5265, 29.7591



Tritanopia

43.2727, 35.3869, 32.9834

Trichromacy



Original Color

42.6549, 35.3383, 30.5594

Protanomaly

36.6634, 35.1748, 33.7112

Deuteranomaly

38.4790, 35.4715, 30.0179

Tritanomaly

43.1144, 35.3235, 32.1495

Monochromacy



Original Color

42.6549, 35.3383, 30.5594

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.0135, 35.7881, 36.4095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6549, 35.3383, 30.5594 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(216, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(216, 140, 143)  
}
```

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(216, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 140, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.6549, 35.3383, 30.5594 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(216, 140, 143) }
```


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

```
.border{ border-color:rgb(216, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(216, 140,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6549, 35.3383, 30.5594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 140, 143) }
```

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

```
.background{ background-color: rgb(216,  
140, 143) }
```

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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