

Converting Colors

XYZ(42.6381, 35.6034, 29.8956)

Have a look what the booklet for
XYZ(42.6381, 35.6034, 29.8956)
contains.

XYZ(42.6515, 35.5718, 29.8174)	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(42.6515, 35.5718,
29.8174)**

Conversions

Conversions Part 1

Format	Color
Hex	D88D8D
RGB	216, 141, 141
RGB Percent	85%, 55%, 55%
CMY	0.1529, 0.4470, 0.4471
CMYK	0.00, 0.35, 0.35, 0.15
HSL	0°, 49%, 70%
HSV	0°, 35%, 85%
XYZ	42.6515, 35.5718, 29.8174
YIQ	163.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

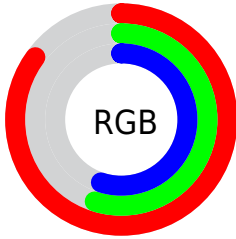
Format	Color
R _Y B	216, 141, 141
Decimal	14192013
CIE Lab	66.19, 28.52, 11.83
CIE LCh	66, 30.880, 22.530
Yxy	35.5718, 0.3948, 0.3292
Android (android.graphics.Color)	4292382093 (0xFFD88D8D)
YUV	163.4250, -11.0555, 46.1083
Hunter-Lab	59.6421, 23.2760, 12.1081

Details

The XYZ color **42.6515, 35.5718, 29.8174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9340, 59.7300, 73.9684**, and the grayscale version is **35.0504, 36.8758, 40.1577**.

A 20% lighter version of the original color is **70.6054, 64.2303, 60.3061**, and **19.8426, 15.4386, 11.8317** is the 20% darker color. If you saturate the color by 10%, you get **38.3182, 29.2313, 21.2020**, and if you desaturate by 10%, it is **47.9211, 43.2831, 40.2920**.

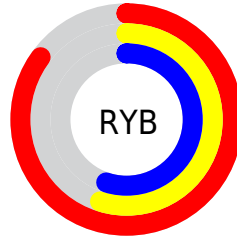
Distribution



Red (85%)

Green (55%)

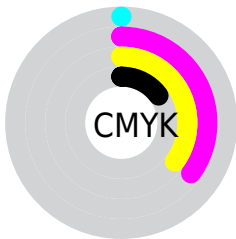
Blue (55%)



Red (85%)

Yellow (55%)

Blue (55%)

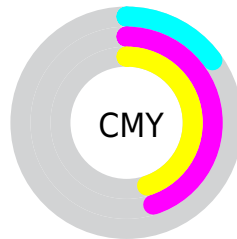


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6515, 35.5718, 29.8174 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 42.6515, 35.5718, 29.8174 by changing the saturation by 10% instead.


 42.6515, 35.5718,
29.8174


 42.6515, 35.5718,
29.8174

348.1225,
327.0851, 315.2332


 29.8051, 24.1037,
19.4492


 78.4437, 68.3706,
60.4309

 19.8380, 15.4105,
11.8152


 102.1202, 90.4701,
81.5132

 12.3849, 9.1080,
6.4970


 130.1375,
116.8822, 107.0039

 7.0805, 4.8117,
3.0759

162.8608,
147.9913, 137.3217

 3.5593, 2.1372,
1.1335

200.6557,
184.1817, 172.8849

 1.4559, 0.6854,
0.0000

243.8873,

 0.2956, 0.0000,

225.8379, 214.1122

0.0000

292.9211,
273.3442, 261.4221

■ 0.0000, 0.0000,
0.0000

■ 42.6515, 35.5718,
29.8174

■ 42.6515, 35.5718,
29.8174

■ 38.3182, 29.2313,
21.2020

■ 47.9211, 43.2831,
40.2920

■ 34.8639, 24.1766,
14.3351

■ 54.1745, 52.4335,
52.7234

■ 32.2293, 20.3214,
9.0979

■ 61.4589, 63.0927,
67.2048

■ 30.3468, 17.5665,
5.3557

■ 69.8182, 75.3246,
83.8230

■ 29.1376, 15.7972,
2.9524

■ 79.2934, 89.1893,
102.6595

■ 28.5061, 14.8730,
1.6973

■ 82.1289, 93.3389,
108.2953

■ 28.3190, 14.5992,
1.3254

Harmonies

Analogous

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



43.3555, 35.5718, 42.1178



42.6515, 35.5718, 29.8174



39.4787, 35.5718, 21.9109

Triad

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



42.6515, 35.5718, 29.8174



27.2672, 35.5718, 25.2797



32.6734, 35.5718, 69.6522

Complementary

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



42.6515, 35.5718, 29.8174



47.9340, 59.7300, 73.9684

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.



28.7116, 35.5718, 62.5036



42.6515, 35.5718, 29.8174



25.7796, 35.5718, 35.5320

Square

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



42.6515, 35.5718, 29.8174



30.5342, 35.5718, 19.7354



26.2834, 35.5718, 49.2660



37.3119, 35.5718, 67.1431

Rectangle

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



42.6515, 35.5718, 29.8174



36.5342, 35.5718, 19.2517



26.2834, 35.5718, 49.2660



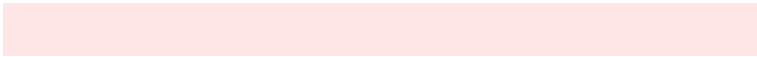
31.2245, 35.5718, 68.2523

Sweetspot

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



42.6524, 35.5735, 29.8181



83.6111, 83.2617, 86.1596



50.2386, 38.6069, 69.7698



17.5792, 17.3576, 17.8115



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.



42.6524, 35.5735, 29.8181



57.1527, 44.5455, 33.5614



49.1469, 48.5624, 31.9829



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



47.9340, 59.7300, 73.9684



66.0025, 85.0223, 107.5400



39.3995, 42.6610, 71.1236



12.7922, 14.1078, 15.9864



21.8690, 31.9997, 43.4771



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 42.6515, 35.5718, 29.8174 looks on a white background.

Color Contrast Check

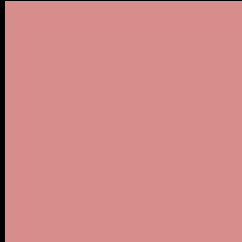
Large Text (above 18pt) WCAG AA × Fail

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 42.6515, 35.5718, 29.8174 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 42.6515, 35.5718, 29.8174

Background



This preview shows how black text looks on a background with the XYZ color 42.6515, 35.5718, 29.8174.



This preview shows how white text looks on a background with the XYZ color 42.6515, 35.5718,

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

42.6515, 35.5718, 29.8174

Protanopia

34.2671, 35.9396, 34.4091

Deuteranopia

36.3164, 35.5920, 29.0006



Tritanopia

43.4984, 35.7099, 33.4542

Trichromacy



Original Color

42.6515, 35.5718, 29.8174

Protanomaly

36.8296, 35.5321, 32.5210

Deuteranomaly

38.3315, 35.4125, 29.2411

Tritanomaly

43.2598, 35.6145, 32.1980

Monochromacy



Original Color

42.6515, 35.5718, 29.8174

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.9291, 35.7543, 35.9652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6515, 35.5718, 29.8174 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, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 141, 141)  
}
```

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, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 42.6515, 35.5718, 29.8174 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, 141, 141) }
```


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

```
.border{ border-color:rgb(216, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6515, 35.5718, 29.8174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 141, 141) }
```

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

```
.background{ background-color: rgb(216,  
141, 141) }
```

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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