

Converting Colors

XYZ(42.0333, 36.2309, 25.1999)

Have a look what the booklet for
XYZ(42.0333, 36.2309, 25.1999)
contains.

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Color

**XYZ(42.0460, 36.2564,
25.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	D79180
RGB	215, 145, 128
RGB Percent	84%, 57%, 50%
CMY	0.1569, 0.4313, 0.4980
CMYK	0.00, 0.33, 0.40, 0.16
HSL	12°, 52%, 67%
HSV	12°, 40%, 84%
XYZ	42.0460, 36.2564, 25.2042
YIQ	163.9920, 47.1770, 9.5530

Conversions

Conversions Part 2

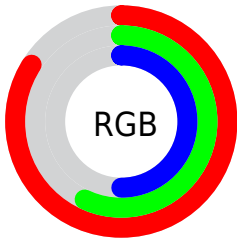
Format	Color
R _Y B	215, 149, 128
Decimal	14127488
CIE Lab	66.72, 24.45, 19.81
CIE LCh	67, 31.466, 39.024
Yxy	36.2564, 0.4062, 0.3503
Android (android.graphics.Color)	4292317568 (0xFFD79180)
YUV	163.9920, -17.7441, 44.7340
Hunter-Lab	60.2133, 19.2705, 17.3316

Details

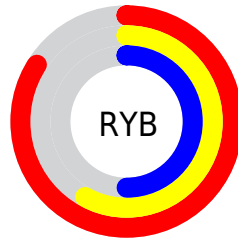
The XYZ color **42.0460, 36.2564, 25.2042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.3610, 49.8816, 71.7380**, and the grayscale version is **35.3497, 37.1906, 40.5006**.

A 20% lighter version of the original color is **70.0039, 65.4430, 52.6582**, and **19.5145, 15.8390, 9.4258** is the 20% darker color. If you saturate the color by 10%, you get **38.3331, 30.8604, 17.7090**, and if you desaturate by 10%, it is **46.4631, 42.5807, 34.4141**.

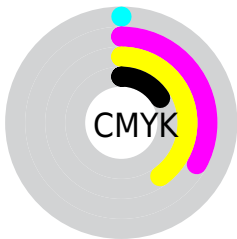
Distribution



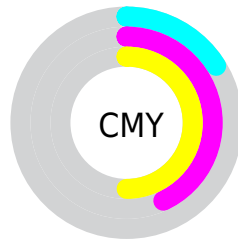
- Red (84%)
- Green (57%)
- Blue (50%)



- Red (84%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (43%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0460, 36.2564, 25.2042 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 42.0460, 36.2564, 25.2042 by changing the saturation by 10% instead.


 42.0460, 36.2564,
25.2042


 42.0460, 36.2564,
25.2042


345.6620,
330.0798, 292.3335

 29.3286, 24.6323,
16.0089


 77.5340, 69.4276,
52.9565

 19.4751, 15.8033,
9.3760


 101.0352, 91.7435,
72.3506

 12.1201, 9.3851,
4.8871


 128.8618,
118.3922, 95.9813

 6.8983, 4.9932,
2.1236

161.3791,
149.7579, 124.2672

 3.4443, 2.2433,
0.6298

198.9523,
186.2251, 157.6268

 1.3929, 0.7434,
0.0000

241.9470,

 0.2511, 0.0000,

228.1783, 196.4787

0.0000

290.7284,
276.0017, 241.2414

■ 0.0000, 0.0000,
0.0000

■ 42.0460, 36.2564,
25.2042

■ 42.0460, 36.2564,
25.2042

■ 38.3331, 30.8604,
17.7090

■ 46.4631, 42.5807,
34.4141

■ 35.2844, 26.3436,
11.8197

■ 51.6159, 49.8690,
45.4339

■ 32.8598, 22.6601,
7.4183

■ 57.5376, 58.1616,
58.3546

■ 31.0140, 19.7577,
4.3696

■ 64.2583, 67.4947,
73.2601

■ 29.6943, 17.5779,
2.5133

■ 71.8066, 77.9030,
90.2296

■ 28.8531, 16.1046,
1.5878

■ 79.8856, 89.2897,
107.6319

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



44.2799, 36.2564, 35.5190



42.0460, 36.2564, 25.2042



37.8311, 36.2564, 19.7598

Triad

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



42.0460, 36.2564, 25.2042



26.6241, 36.2564, 30.8422



35.9115, 36.2564, 71.3159

Complementary

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



42.0460, 36.2564, 25.2042



41.3610, 49.8816, 71.7380

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.



31.2965, 36.2564, 69.2472



42.0460, 36.2564, 25.2042



26.2122, 36.2564, 43.7188

Square

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



42.0460, 36.2564, 25.2042



29.0291, 36.2564, 22.4576



27.8472, 36.2564, 58.3212



40.5306, 36.2564, 63.4558

Rectangle

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



42.0460, 36.2564, 25.2042



34.6163, 36.2564, 18.6904



27.8472, 36.2564, 58.3212



34.3054, 36.2564, 71.7910

Sweetspot

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



42.0469, 36.2582, 25.2049



83.1518, 83.4695, 82.5344



46.0582, 34.0116, 58.2007



17.5431, 17.5100, 17.1073



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.



42.0469, 36.2582, 25.2049



56.9064, 46.1405, 27.0434



49.7866, 51.7376, 27.7848



12.6178, 12.8098, 12.9682



17.3168, 9.7508, 0.9694



1.1030, 0.7051, 0.0780

Inverse Universe

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



41.3610, 49.8816, 71.7380



55.7214, 68.8854, 104.9671



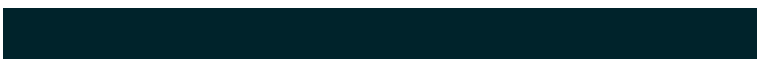
32.9812, 33.1220, 68.9447



12.5764, 13.6762, 15.9144



16.3470, 20.9558, 41.6364



1.0399, 1.3718, 2.5293

Previews

White Background



This preview shows how the XYZ color 42.0460, 36.2564, 25.2042 looks on a white background.

Color Contrast Check

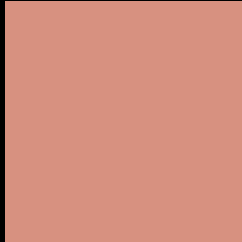
Large Text (above 18pt) WCAG AA × Fail

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 42.0460, 36.2564, 25.2042 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 42.0460, 36.2564, 25.2042

Background



This preview shows how black text looks on a background with the XYZ color 42.0460, 36.2564, 25.2042.



This preview shows how white text looks on a background with the XYZ color 42.0460, 36.2564,

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

42.0460, 36.2564, 25.2042

Protanopia

34.3775, 36.3889, 28.5044

Deuteranopia

37.1402, 36.3597, 24.7993



Tritanopia

43.9558, 36.3647, 34.4081

Trichromacy



Original Color

42.0460, 36.2564, 25.2042

Protanomaly

36.8611, 36.1618, 27.2274

Deuteranomaly

38.8784, 36.2681, 25.0300

Tritanomaly

43.0993, 36.2270, 30.7075

Monochromacy



Original Color

42.0460, 36.2564, 25.2042

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1713, 36.4156, 34.3479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0460, 36.2564, 25.2042 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(215, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 128)  
}
```

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(215, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 128) }
```

Border

The CSS property to change the border of an element to XYZ 42.0460, 36.2564, 25.2042 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(215, 145, 128) }
```


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

```
.border{ border-color:rgb(215, 145, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0460, 36.2564, 25.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 128) }
```

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

```
.background{ background-color: rgb(215,  
145, 128) }
```

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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