

Converting Colors

XYZ(41.9412, 35.3319, 32.1086)

Have a look what the booklet for
XYZ(41.9412, 35.3319, 32.1086)
contains.

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Color

**XYZ(42.0908, 35.4496,
32.2278)**

Conversions

Conversions Part 1

Format	Color
Hex	D48E93
RGB	212, 142, 147
RGB Percent	83%, 56%, 58%
CMY	0.1686, 0.4431, 0.4235
CMYK	0.00, 0.33, 0.31, 0.17
HSL	356°, 45%, 69%
HSV	356°, 33%, 83%
XYZ	42.0908, 35.4496, 32.2278
YIQ	163.5000, 40.1150, 16.3950

Conversions

Conversions Part 2

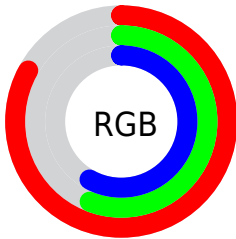
Format	Color
R _Y B	212, 142, 147
Decimal	13930131
CIE Lab	66.10, 27.24, 8.26
CIE LCh	66, 28.470, 16.866
Yxy	35.4496, 0.3835, 0.3229
Android (android.graphics.Color)	4292120211 (0xFFD48E93)
YUV	163.5000, -8.1345, 42.5345
Hunter-Lab	59.5396, 21.9942, 9.5850

Details

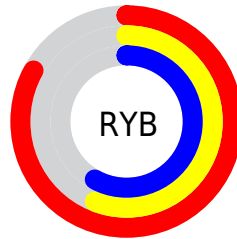
The XYZ color **42.0908, 35.4496, 32.2278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9628, 57.3435, 67.6802**, and the grayscale version is **35.0740, 36.9006, 40.1848**.

A 20% lighter version of the original color is **71.5225, 64.9569, 64.0266**, and **19.6091, 15.4132, 13.2508** is the 20% darker color. If you saturate the color by 10%, you get **37.8164, 29.1651, 23.8225**, and if you desaturate by 10%, it is **47.2313, 43.0430, 42.2269**.

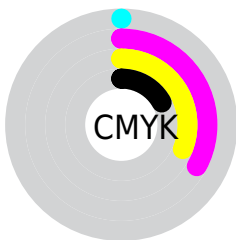
Distribution



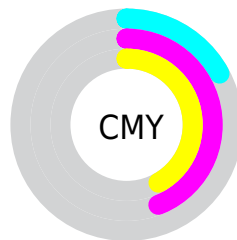
- Red (83%)
- Green (56%)
- Blue (58%)



- Red (83%)
- Yellow (56%)
- Blue (58%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (17%)





- Cyan (17%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0908, 35.4496, 32.2278 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 42.0908, 35.4496, 32.2278 by changing the saturation by 10% instead.


 42.0908, 35.4496,
32.2278


 42.0908, 35.4496,
32.2278


345.8444,
326.5484, 326.6803


 29.3638, 24.0094,
21.2693


 77.6013, 68.1817,
64.2701

 19.5019, 15.3406,
13.1278


 101.1156, 90.2424,
86.1910

 12.1396, 9.0588,
7.3849


 128.9563,
116.6120, 112.6030

 6.9117, 4.7795,
3.6219

161.4889,
147.6750, 143.9248

 3.4528, 2.1185,
1.4203

199.0786,
183.8158, 180.5749

 1.3975, 0.6750,
0.1575

242.0909,

 0.2544, 0.0000,

225.4186, 222.9718

0.0000

290.8910,
272.8681, 271.5341

■ 0.0000, 0.0000,
0.0000

■ 42.0908, 35.4496,
32.2278

■ 42.0908, 35.4496,
32.2278

■ 37.8164, 29.1651,
23.8225

■ 47.2313, 43.0430,
42.2269

■ 34.3578, 24.1107,
16.9265

■ 53.2791, 52.0079,
53.8940

■ 31.6637, 20.2072,
11.4511

■ 60.2759, 62.4092,
67.3012

■ 29.6758, 17.3641,
7.2970

■ 68.2603, 74.3061,
82.5157

■ 28.3277, 15.4772,
4.3524

■ 77.2685, 87.7544,
99.6012

■ 27.5398, 14.4213,
2.4867

■ 80.9614, 92.7371,
108.2407

■ 27.2386, 14.0319,
1.7296

Harmonies

Analogous

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



42.2500, 35.4496, 44.1362



42.0908, 35.4496, 32.2278



39.5653, 35.4496, 23.9749

Triad

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



42.0908, 35.4496, 32.2278



28.1008, 35.4496, 24.7644



31.8795, 35.4496, 66.0122

Complementary

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



42.0908, 35.4496, 32.2278



45.9628, 57.3435, 67.6802

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.



28.4340, 35.4496, 58.2117



42.0908, 35.4496, 32.2278



26.3785, 35.4496, 33.5447

Square

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



42.0908, 35.4496, 32.2278



31.3889, 35.4496, 20.3250



26.4951, 35.4496, 45.7581



36.1088, 35.4496, 65.4523

Rectangle

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



42.0908, 35.4496, 32.2278



36.9908, 35.4496, 20.8982



26.4951, 35.4496, 45.7581



30.5987, 35.4496, 64.2217

Sweetspot

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



42.0918, 35.4513, 32.2285



83.8669, 83.3633, 87.5089



47.0575, 37.2468, 66.9966



17.6404, 17.3819, 18.1344



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.



42.0918, 35.4513, 32.2285



59.0009, 46.5903, 39.2694



46.6293, 45.1403, 31.8486



12.4589, 12.4350, 13.0906



16.8295, 8.6681, 1.1402



1.0279, 0.5280, 0.1366

Inverse Universe

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



42.0918, 35.4513, 32.2285



59.0009, 46.5903, 39.2694



39.9395, 44.3039, 68.7339



12.4589, 12.4350, 13.0906



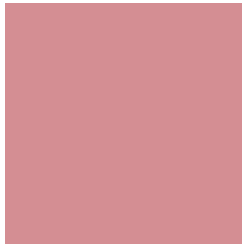
16.8295, 8.6681, 1.1402



1.0279, 0.5280, 0.1366

Previews

White Background



This preview shows how the XYZ color 42.0908, 35.4496, 32.2278 looks on a white background.

Color Contrast Check

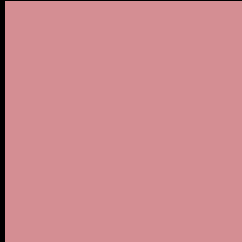
Large Text (above 18pt) WCAG AA × Fail

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 42.0908, 35.4496, 32.2278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

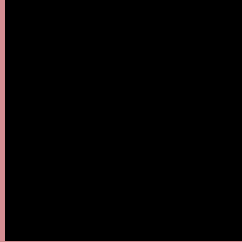
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0908, 35.4496, 32.2278

Background



This preview shows how black text looks on a background with the XYZ color 42.0908, 35.4496, 32.2278.



This preview shows how white text looks on a background with the XYZ color 42.0908, 35.4496,

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

42.0908, 35.4496, 32.2278

Protanopia

34.1737, 35.5753, 36.9639

Deuteranopia

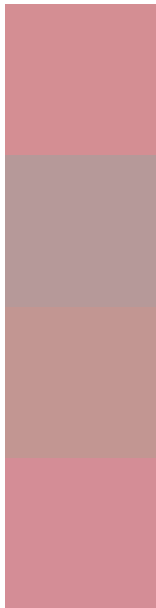
36.3606, 35.5543, 31.7343



Tritanopia

42.3438, 35.3138, 34.2902

Trichromacy



Original Color

42.0908, 35.4496, 32.2278

Protanomaly

36.4324, 35.0275, 34.9778

Deuteranomaly

38.3428, 35.3573, 31.9979

Tritanomaly

42.1813, 35.2488, 33.4347

Monochromacy



Original Color

42.0908, 35.4496, 32.2278

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.1161, 36.0693, 37.3536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0908, 35.4496, 32.2278 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(212, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(212, 142, 147)  
}
```

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(212, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 42.0908, 35.4496, 32.2278 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(212, 142, 147) }
```


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

```
.border{ border-color:rgb(212, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(212, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0908, 35.4496, 32.2278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 142, 147) }
```

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

```
.background{ background-color: rgb(212,  
142, 147) }
```

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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