

Converting Colors

XYZ(48.4058, 41.8853, 32.8161)

Have a look what the booklet for
XYZ(48.4058, 41.8853, 32.8161)
contains.

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Color

**XYZ(48.4408, 42.0210,
32.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	E29C92
RGB	226, 156, 146
RGB Percent	89%, 61%, 57%
CMY	0.1137, 0.3882, 0.4274
CMYK	0.00, 0.31, 0.35, 0.11
HSL	8°, 58%, 73%
HSV	8°, 35%, 89%
XYZ	48.4408, 42.0210, 32.7519
YIQ	175.7900, 44.9300, 11.7300

Conversions

Conversions Part 2

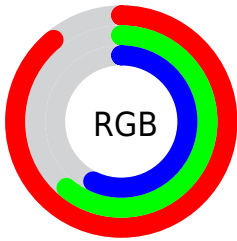
Format	Color
R _Y B	226, 157, 146
Decimal	14851218
CIE Lab	70.89, 24.88, 15.80
CIE LCh	71, 29.472, 32.411
Yxy	42.0210, 0.3931, 0.3410
Android (android.graphics.Color)	4293041298 (0xFFE29C92)
YUV	175.7900, -14.6865, 44.0342
Hunter-Lab	64.8236, 19.9466, 15.4205

Details

The XYZ color **48.4408, 42.0210, 32.7519** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1365, 60.7115, 81.0276**, and the grayscale version is **41.2161, 43.3625, 47.2218**.

A 20% lighter version of the original color is **74.9596, 72.0187, 64.5938**, and **23.4238, 19.1802, 13.5339** is the 20% darker color. If you saturate the color by 10%, you get **43.8013, 35.2827, 23.3725**, and if you desaturate by 10%, it is **53.9702, 49.9826, 44.1432**.

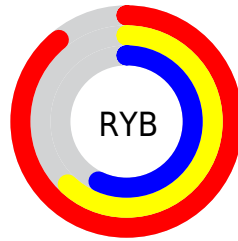
Distribution



Red (89%)

Green (61%)

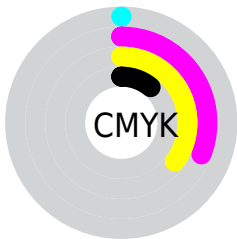
Blue (57%)



Red (89%)

Yellow (62%)

Blue (57%)

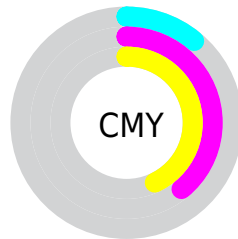


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4408, 42.0210, 32.7519 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 48.4408, 42.0210, 32.7519 by changing the saturation by 10% instead.


 48.4408, 42.0210,
32.7519


 48.4408, 42.0210,
32.7519


371.0903,
354.5700, 329.1280

 34.3888, 29.1177,
21.6669


 87.0661, 78.2314,
65.0995

 23.3567, 19.1699,
13.4164


 112.3701,
102.3073, 87.1992

 14.9793, 11.7931,
7.5818


142.1554,
130.8763, 113.8076

 8.8911, 6.6030,
3.7446

176.7875,
164.3226, 145.3431

 4.7267, 3.2151,
1.4863

216.6317,
203.0308, 182.2244

 2.1209, 1.2450,
0.2077

262.0533,

 0.7006, 0.0980,

247.3851, 224.8699

0.0000

313.4177,
297.7701, 273.6983

■ 0.0000, 0.0000,
0.0000

■ 48.4408, 42.0210,
32.7519

■ 48.4408, 42.0210,
32.7519

■ 43.8013, 35.2827,
23.3725

■ 53.9702, 49.9826,
44.1432

■ 40.0017, 29.7012,
15.8855

■ 60.4295, 59.2178,
57.6516

■ 36.9921, 25.2130,
10.1625

■ 67.8600, 69.7812,
73.3778

■ 34.7158, 21.7457,
6.0581

■ 76.2999, 81.7225,
91.4155

■ 33.1085, 19.2184,
3.4035

■ 85.1339, 94.8285,
108.4244

■ 32.0940, 17.5375,
1.9923

■ 85.1740, 94.9088,
108.4378

■ 31.7856, 17.0118,
1.6083

Harmonies

Analogous

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



50.1209, 42.0210, 44.6269



48.4408, 42.0210, 32.7519



44.4677, 42.0210, 25.7502

Triad

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



48.4408, 42.0210, 32.7519



32.1518, 42.0210, 34.3520



40.3377, 42.0210, 78.3861

Complementary

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



48.4408, 42.0210, 32.7519



50.1365, 60.7115, 81.0276

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.



35.7300, 42.0210, 74.1043



48.4408, 42.0210, 32.7519



31.2400, 42.0210, 46.8993

Square

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



48.4408, 42.0210, 32.7519



35.0958, 42.0210, 26.5324



32.4964, 42.0210, 61.8083



45.2100, 42.0210, 72.5483

Rectangle

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



48.4408, 42.0210, 32.7519



41.1979, 42.0210, 23.8662



32.4964, 42.0210, 61.8083



38.7073, 42.0210, 78.0820

Sweetspot

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



48.4419, 42.0230, 32.7527



83.5226, 83.6521, 84.3812



54.1242, 41.7193, 70.6187



17.5971, 17.5063, 17.4689



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.



48.4419, 42.0230, 32.7527



59.3737, 48.9875, 34.3017



56.1424, 57.4241, 35.3196



13.8447, 13.9753, 14.2746



18.1802, 9.7983, 0.9331



1.3060, 0.7709, 0.0800

Inverse Universe

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



50.1365, 60.7115, 81.0276



61.8797, 76.7766, 106.1657



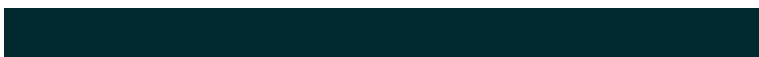
41.2383, 42.9152, 78.0615



13.9627, 15.2645, 17.5981



19.3782, 26.2259, 45.0891



1.3847, 1.9009, 3.1392

Previews

White Background



This preview shows how the XYZ color 48.4408, 42.0210, 32.7519 looks on a white background.

Color Contrast Check

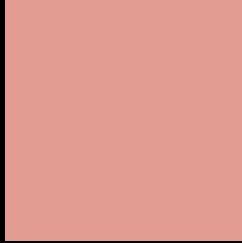
Large Text (above 18pt) WCAG AA × Fail

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 48.4408, 42.0210, 32.7519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

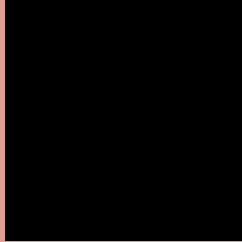
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4408, 42.0210, 32.7519

Background



This preview shows how black text looks on a background with the XYZ color 48.4408, 42.0210, 32.7519.



This preview shows how white text looks on a background with the XYZ color 48.4408, 42.0210,

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

48.4408, 42.0210, 32.7519

Protanopia

39.9160, 42.0775, 37.0283

Deuteranopia

42.9402, 42.0686, 32.2424



Tritanopia

50.1777, 41.9931, 41.0581

Trichromacy



Original Color

48.4408, 42.0210, 32.7519

Protanomaly

42.5122, 41.7747, 35.5285

Deuteranomaly

44.7864, 41.9404, 32.5229

Tritanomaly

49.4057, 41.9107, 37.8334

Monochromacy



Original Color

48.4408, 42.0210, 32.7519

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.2276, 42.5619, 41.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4408, 42.0210, 32.7519 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(226, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 146)  
}
```

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(226, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 146) }
```

Border

The CSS property to change the border of an element to XYZ 48.4408, 42.0210, 32.7519 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(226, 156, 146) }
```


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

```
.border{ border-color:rgb(226, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(226, 156,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4408, 42.0210, 32.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 146) }
```

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

```
.background{ background-color: rgb(226,  
156, 146) }
```

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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