

Converting Colors

XYZ(52.7421, 46.6493, 41.8222)

Have a look what the booklet for
XYZ(52.7421, 46.6493, 41.8222)
contains.

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Color

**XYZ(52.7408, 46.6471,
41.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	E5A6A5
RGB	229, 166, 165
RGB Percent	90%, 65%, 65%
CMY	0.1020, 0.3490, 0.3529
CMYK	0.00, 0.28, 0.28, 0.10
HSL	1°, 55%, 77%
HSV	1°, 28%, 90%
XYZ	52.7408, 46.6471, 41.8213
YIQ	184.7230, 37.8690, 13.0450

Conversions

Conversions Part 2

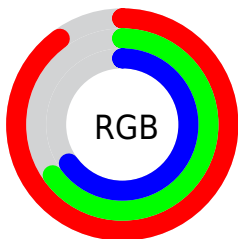
Format	Color
R _Y B	229, 166, 165
Decimal	15050405
CIE Lab	73.96, 23.10, 9.73
CIE LCh	74, 25.063, 22.839
Yxy	46.6471, 0.3735, 0.3303
Android (android.graphics.Color)	4293240485 (0xFFE5A6A5)
YUV	184.7230, -9.7234, 38.8309
Hunter-Lab	68.2987, 18.3165, 11.5041

Details

The XYZ color **52.7408, 46.6471, 41.8213** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4022, 69.1407, 84.4489**, and the grayscale version is **45.9989, 48.3944, 52.7015**.

A 20% lighter version of the original color is **80.0147, 78.1402, 78.5755**, and **26.0112, 21.9975, 18.4978** is the 20% darker color. If you saturate the color by 10%, you get **47.0957, 38.3991, 30.5605**, and if you desaturate by 10%, it is **59.4797, 56.4850, 55.2888**.

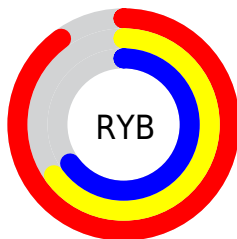
Distribution



Red (90%)

Green (65%)

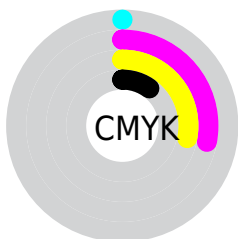
Blue (65%)



Red (90%)

Yellow (65%)

Blue (65%)

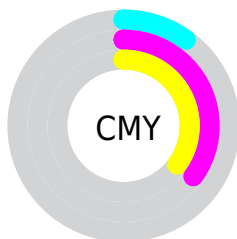


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (35%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7408, 46.6471, 41.8213 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 52.7408, 46.6471, 41.8213 by changing the saturation by 10% instead.


 52.7408, 46.6471,
41.8213

 52.7408, 46.6471,
41.8213


387.5670,
373.4041, 369.5194

 37.8225, 32.7568,
28.6369


 93.3906, 85.1866,
79.1963

 26.0216, 21.9402,
18.5631


 119.8529,
110.6046, 104.2239

 16.9725, 13.8129,
11.1814

150.8939,
140.6339, 134.0363

 10.3101, 7.9907,
6.0733

186.8790,
175.6589, 169.0521

 5.6689, 4.0890,
2.8202

228.1734,
216.0640, 209.6897

 2.6835, 1.7235,
1.0036

275.1427,

 0.9887, 0.4388,

262.2337, 256.3678

0.0000

328.1521,
314.5523, 309.5049

■ 0.0000, 0.0000,
0.0000

■ 52.7408, 46.6471,
41.8213

■ 52.7408, 46.6471,
41.8213

■ 47.0957, 38.3991,
30.5605

■ 59.4797, 56.4850,
55.2888

■ 42.4833, 31.6513,
21.3864

■ 67.3619, 67.9829,
71.0690

■ 38.8421, 26.3156,
14.1714

■ 76.4383, 81.2150,
89.2643

■ 36.1028, 22.2918,
8.7732

■ 86.1231, 95.3980,
108.4822

■ 34.1867, 19.4667,
5.0302

■ 33.0018, 17.7076,
2.7523

■ 32.4281, 16.8468,
1.6776

■ 32.3521, 16.7361,
1.5252

Harmonies

Analogous

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



53.4251, 46.6471, 53.9222



52.7408, 46.6471, 41.8213



49.7350, 46.6471, 33.5878

Triad

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



52.7408, 46.6471, 41.8213



37.8324, 46.6471, 37.3228



43.2736, 46.6471, 79.3451

Complementary

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



52.7408, 46.6471, 41.8213



57.4022, 69.1407, 84.4489

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.



39.3438, 46.6471, 73.0470



52.7408, 46.6471, 41.8213



36.3422, 46.6471, 47.7829

Square

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



52.7408, 46.6471, 41.8213



41.0829, 46.6471, 31.3116



36.8764, 46.6471, 60.9589



47.7579, 46.6471, 77.0278

Rectangle

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



52.7408, 46.6471, 41.8213



46.9219, 46.6471, 30.7113



36.8764, 46.6471, 60.9589



41.8482, 46.6471, 78.1341

Sweetspot

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



52.7421, 46.6493, 41.8222



85.8632, 86.6061, 90.4858



59.9113, 49.2258, 80.4726



18.0323, 18.0327, 18.6746



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.



52.7421, 46.6493, 41.8222



62.6472, 52.7210, 44.0668



59.0711, 59.3074, 43.9319



14.3951, 14.4040, 14.9260



18.5055, 9.5851, 0.8748



1.3739, 0.7212, 0.0668

Inverse Universe

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



57.4022, 69.1407, 84.4489



69.5896, 86.2323, 107.5845



49.6265, 53.5894, 81.8570



14.7870, 16.2955, 18.5103



23.5522, 34.1665, 47.7366



1.7467, 2.5373, 3.5297

Previews

White Background



This preview shows how the XYZ color 52.7408, 46.6471, 41.8213 looks on a white background.

Color Contrast Check

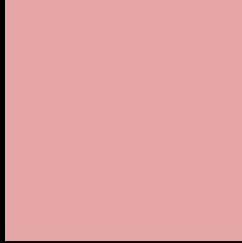
Large Text (above 18pt) WCAG AA × Fail

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 52.7408, 46.6471, 41.8213 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 52.7408, 46.6471, 41.8213

Background



This preview shows how black text looks on a background with the XYZ color 52.7408, 46.6471, 41.8213.



This preview shows how white text looks on a background with the XYZ color 52.7408, 46.6471,

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

52.7408, 46.6471, 41.8213

Protanopia

44.5602, 46.6297, 46.1870

Deuteranopia

47.8683, 46.9604, 41.1917



Tritanopia

53.8444, 46.5482, 47.7418

Trichromacy



Original Color

52.7408, 46.6471, 41.8213

Protanomaly

47.1382, 46.5095, 44.5230

Deuteranomaly

49.4777, 46.6325, 41.5152

Tritanomaly

53.6311, 46.7504, 45.7322

Monochromacy



Original Color

52.7408, 46.6471, 41.8213

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.0437, 47.4726, 48.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7408, 46.6471, 41.8213 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(229, 166, 165)` looks like.

```
.text, #text, p{  
    color:rgb(229, 166, 165)  
}
```

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(229, 166, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 166, 165) }
```

Border

The CSS property to change the border of an element to XYZ 52.7408, 46.6471, 41.8213 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(229, 166, 165) }
```


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

```
.border{ border-color:rgb(229, 166, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 166, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 166, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 166, 165);  
box-shadow:4px 4px 4px 4px rgb(229, 166,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7408, 46.6471, 41.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 166, 165) }
```

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

```
.background{ background-color: rgb(229,  
166, 165) }
```

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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