

Converting Colors

XYZ(54.1573, 46.8210, 46.4326)

Have a look what the booklet for
XYZ(54.1573, 46.8210, 46.4326)
contains.

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Color

**XYZ(54.1942, 46.7627,
46.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A4AE
RGB	232, 164, 174
RGB Percent	91%, 64%, 68%
CMY	0.0902, 0.3568, 0.3176
CMYK	0.00, 0.29, 0.25, 0.09
HSL	351°, 60%, 78%
HSV	351°, 29%, 91%
XYZ	54.1942, 46.7627, 46.2142
YIQ	185.4720, 37.3180, 17.5260

Conversions

Conversions Part 2

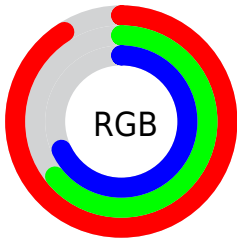
Format	Color
R _Y B	232, 164, 174
Decimal	15246510
CIE Lab	74.04, 26.52, 4.93
CIE LCh	74, 26.973, 10.540
Yxy	46.7627, 0.3682, 0.3177
Android (android.graphics.Color)	4293436590 (0xFFE8A4AE)
YUV	185.4720, -5.6557, 40.8051
Hunter-Lab	68.3833, 21.7918, 7.7994

Details

The XYZ color **54.1942, 46.7627, 46.2142** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3533, 70.8809, 79.7693**, and the grayscale version is **46.3941, 48.8102, 53.1543**.

A 20% lighter version of the original color is **80.7144, 77.5802, 84.8491**, and **26.9862, 22.1074, 21.2572** is the 20% darker color. If you saturate the color by 10%, you get **48.6255, 38.4885, 35.5306**, and if you desaturate by 10%, it is **60.8070, 56.6696, 58.6493**.

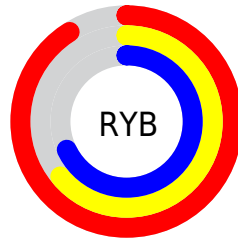
Distribution



Red (91%)

Green (64%)

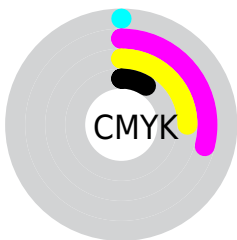
Blue (68%)



Red (91%)

Yellow (64%)

Blue (68%)

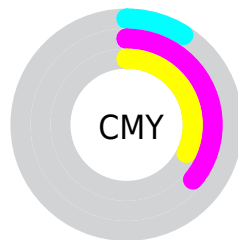


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1942, 46.7627, 46.2142 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 54.1942, 46.7627, 46.2142 by changing the saturation by 10% instead.


 54.1942, 46.7627,
46.2142


 54.1942, 46.7627,
46.2142


393.0364,
373.8665, 387.9717

 38.9882, 32.8481,
32.0650

 95.5145, 85.3593,
85.8771

 26.9313, 22.0101,
21.1459

 122.3596,
110.8101, 112.2279

 17.6579, 13.8643,
13.0384


153.8151,
140.8751, 143.4830

 10.8029, 8.0264,
7.3240

190.2464,
175.9386, 180.0610

 6.0007, 4.1118,
3.5840

232.0188,
216.3851, 222.3803

 2.8862, 1.7363,
1.4000

279.4977,

 1.0939, 0.4470,

262.5990, 270.8594

0.1417

333.0485,
314.9647, 325.9171

■ 0.0200, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1942, 46.7627,
46.2142

■ 54.1942, 46.7627,
46.2142

■ 48.6255, 38.4885,
35.5306

■ 60.8070, 56.6696,
58.6493

■ 44.0436, 31.7531,
26.5165

■ 68.5099, 68.2833,
72.9068

■ 40.3912, 26.4630,
19.0881

■ 77.3505, 81.6817,
89.0574

■ 37.6037, 22.5119,
13.1524

■ 86.7939, 95.7779,
106.9742

■ 35.6079, 19.7790,
8.6072

■ 87.0889, 95.8959,
108.5274

■ 34.3183, 18.1212,
5.3367

■ 33.6068, 17.3149,
3.1981

■ 33.5692, 17.2720,
3.0859

Harmonies

Analogous

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



53.7696, 46.7627, 60.2802



54.1942, 46.7627, 46.2142



51.8677, 46.7627, 35.5404

Triad

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



54.1942, 46.7627, 46.2142



38.6910, 46.7627, 33.2930



41.4301, 46.7627, 80.2651

Complementary

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



54.1942, 46.7627, 46.2142



57.3533, 70.8809, 79.7693

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.



37.7693, 46.7627, 70.1895



54.1942, 46.7627, 46.2142



36.2687, 46.7627, 42.5767

Square

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



54.1942, 46.7627, 46.2142



42.7727, 46.7627, 29.0271



35.9440, 46.7627, 55.9277



46.1635, 46.7627, 81.7207

Rectangle

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



54.1942, 46.7627, 46.2142



49.1619, 46.7627, 31.1272



35.9440, 46.7627, 55.9277



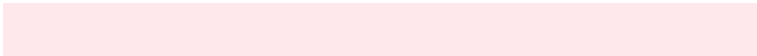
40.0428, 46.7627, 77.6983

Sweetspot

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



54.1955, 46.7649, 46.2151



85.1674, 85.0241, 90.8411



57.9054, 47.8774, 82.5337



17.9108, 17.7172, 18.8578



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.



54.1955, 46.7649, 46.2151



62.9544, 51.6911, 49.2383



57.9216, 55.7192, 42.8267



14.4629, 14.4023, 15.3720



18.6642, 9.5999, 1.8607



1.4063, 0.7202, 0.2802

Inverse Universe

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



54.1955, 46.7649, 46.2151



62.9544, 51.6911, 49.2383



52.4818, 58.9298, 84.9529



14.4629, 14.4023, 15.3720



18.6642, 9.5999, 1.8607



1.4063, 0.7202, 0.2802

Previews

White Background



This preview shows how the XYZ color 54.1942, 46.7627, 46.2142 looks on a white background.

Color Contrast Check

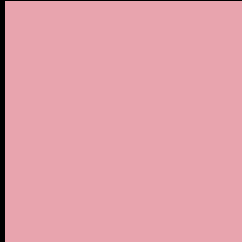
Large Text (above 18pt) WCAG AA × Fail

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 54.1942, 46.7627, 46.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

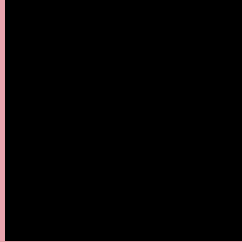
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1942, 46.7627, 46.2142

Background



This preview shows how black text looks on a background with the XYZ color 54.1942, 46.7627, 46.2142.



This preview shows how white text looks on a background with the XYZ color 54.1942, 46.7627,

46.2142.

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

54.1942, 46.7627, 46.2142

Protanopia

45.1832, 46.8227, 52.0037

Deuteranopia

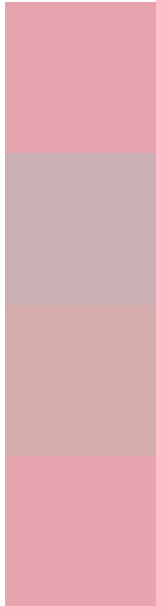
47.8736, 46.8666, 45.5527



Tritanopia

54.3906, 46.8413, 47.2489

Trichromacy



Original Color

54.1942, 46.7627, 46.2142

Protanomaly

47.9253, 46.5118, 49.6318

Deuteranomaly

50.0269, 46.8183, 45.9353

Tritanomaly

54.2920, 46.8019, 46.7296

Monochromacy



Original Color

54.1942, 46.7627, 46.2142

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.4198, 47.3370, 50.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1942, 46.7627, 46.2142 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(232, 164, 174)` looks like.

```
.text, #text, p{  
    color:rgb(232, 164, 174)  
}
```

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(232, 164, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 164, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.1942, 46.7627, 46.2142 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(232, 164, 174) }
```


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

```
.border{ border-color:rgb(232, 164, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 164, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 164, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 164, 174);  
box-shadow:4px 4px 4px 4px rgb(232, 164,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1942, 46.7627, 46.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 164, 174) }
```

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

```
.background{ background-color: rgb(232,  
164, 174) }
```

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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