

Converting Colors

XYZ(56.1874, 49.0088, 40.9415)

Have a look what the booklet for
XYZ(56.1874, 49.0088, 40.9415)
contains.

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Color

**XYZ(56.2101, 49.0003,
41.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA8A3
RGB	239, 168, 163
RGB Percent	94%, 66%, 64%
CMY	0.0627, 0.3412, 0.3608
CMYK	0.00, 0.30, 0.32, 0.06
HSL	4°, 70%, 79%
HSV	4°, 32%, 94%
XYZ	56.2101, 49.0003, 41.1457
YIQ	188.6590, 43.9210, 13.4970

Conversions

Conversions Part 2

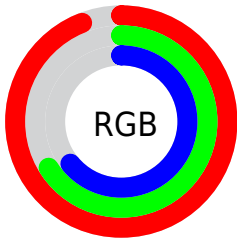
Format	Color
R _Y B	239, 168, 163
Decimal	15706275
CIE Lab	75.45, 25.50, 13.08
CIE LCh	75, 28.661, 27.154
Yxy	49.0003, 0.3841, 0.3348
Android (android.graphics.Color)	4293896355 (0xFFEFA8A3)
YUV	188.6590, -12.6499, 44.1491
Hunter-Lab	70.0002, 20.8349, 14.1498

Details

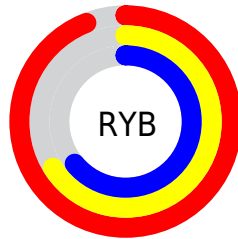
The XYZ color **56.2101, 49.0003, 41.1457** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.1061, 72.8617, 92.5574**, and the grayscale version is **48.2285, 50.7401, 55.2560**.

A 20% lighter version of the original color is **80.5505, 79.6333, 77.4550**, and **28.0560, 23.2329, 18.0446** is the 20% darker color. If you saturate the color by 10%, you get **50.4939, 40.6770, 29.6550**, and if you desaturate by 10%, it is **63.0412, 58.9053, 55.0055**.

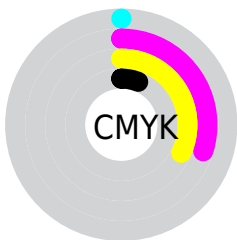
Distribution



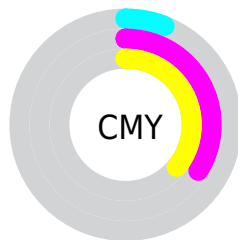
- Red (94%)
- Green (66%)
- Blue (64%)



- Red (94%)
- Yellow (66%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2101, 49.0003, 41.1457 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 56.2101, 49.0003, 41.1457 by changing the saturation by 10% instead.

 56.2101, 49.0003,
41.1457


 56.2101, 49.0003,
41.1457


400.5450,
382.7435, 366.6239

 40.6091, 34.6197,
28.1124


 98.4497, 88.6919,
78.1611

 28.2001, 23.3701,
18.1706


 125.8190,
114.7717, 102.9803

 18.6177, 14.8670,
10.9018


157.8418,
145.5200, 132.5651

 11.4968, 8.7261,
5.8875

194.8834,
181.3213, 167.3342

 6.4718, 4.5630,
2.7091

237.3091,
222.5599, 207.7061

 3.1774, 1.9932,
0.9480

285.4844,

 1.2482, 0.6035,

269.6202, 254.0993

0.0000

339.7746,
322.8866, 306.9324

■ 0.1440, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2101, 49.0003,
41.1457

■ 56.2101, 49.0003,
41.1457

■ 50.4939, 40.6770,
29.6550

■ 63.0412, 58.9053,
55.0055

■ 45.8297, 33.8471,
20.3980

■ 71.0380, 70.4607,
71.3536

■ 42.1544, 28.4240,
13.2304

■ 80.2528, 83.7394,
90.3047

■ 39.3964, 24.3098,
7.9893

■ 89.4067, 97.0908,
108.6359

■ 37.4744, 21.3938,
4.4883

■ 36.2929, 19.5467,
2.5034

■ 35.7781, 18.7137,
1.7264

Harmonies

Analogous

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



57.4745, 49.0003, 54.8107



56.2101, 49.0003, 41.1457



52.3036, 49.0003, 32.4524

Triad

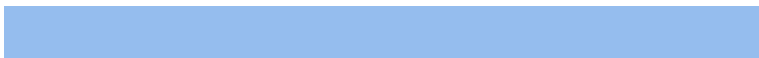
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.2101, 49.0003, 41.1457



38.5491, 49.0003, 39.0772



46.0707, 49.0003, 88.0069

Complementary

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



56.2101, 49.0003, 41.1457



60.1061, 72.8617, 92.5574

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.



41.2777, 49.0003, 81.7194



56.2101, 49.0003, 41.1457



37.1458, 49.0003, 51.9214

Square

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



56.2101, 49.0003, 41.1457



42.0890, 49.0003, 31.4264



38.1062, 49.0003, 67.7634



51.3653, 49.0003, 83.6539

Rectangle

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



56.2101, 49.0003, 41.1457



48.8687, 49.0003, 29.7167



38.1062, 49.0003, 67.7634



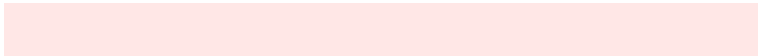
44.3510, 49.0003, 87.0439

Sweetspot

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



56.2114, 49.0026, 41.1467



84.0789, 84.1973, 86.3156



63.7185, 50.5553, 85.1489



17.6911, 17.5815, 17.8488



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.



56.2114, 49.0026, 41.1467



60.7819, 50.4556, 38.9282



63.9913, 64.5625, 43.7400



15.8564, 15.9258, 16.3880



19.8040, 10.4062, 0.9648



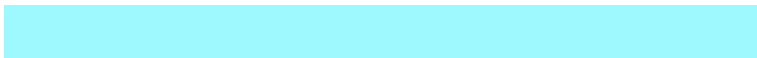
1.6766, 0.9238, 0.0900

Inverse Universe

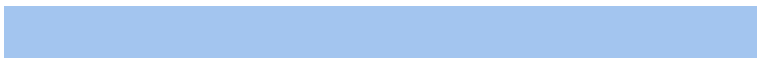
The Inverse Universe completely reimagines the original color for something new.



60.1061, 72.8617, 92.5574



65.9282, 82.0152, 106.9635



50.6964, 54.0424, 89.4208



16.1531, 17.7402, 20.2945



23.2691, 32.7625, 50.2253



1.9624, 2.7789, 4.1872

Previews

White Background



This preview shows how the XYZ color 56.2101, 49.0003, 41.1457 looks on a white background.

Color Contrast Check

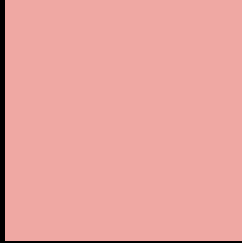
Large Text (above 18pt) WCAG AA × Fail

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 56.2101, 49.0003, 41.1457 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 56.2101, 49.0003, 41.1457

Background



This preview shows how black text looks on a background with the XYZ color 56.2101, 49.0003, 41.1457.



This preview shows how white text looks on a background with the XYZ color 56.2101, 49.0003,

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

56.2101, 49.0003, 41.1457

Protanopia

46.9976, 49.4338, 46.0944

Deuteranopia

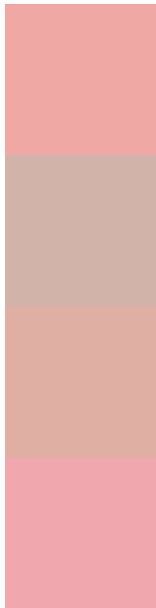
49.9937, 48.9595, 40.5334



Tritanopia

57.9477, 49.1876, 48.5595

Trichromacy



Original Color

56.2101, 49.0003, 41.1457

Protanomaly

49.8599, 48.8064, 44.3288

Deuteranomaly

51.9758, 48.7982, 40.8620

Tritanomaly

57.2967, 49.1798, 46.0080

Monochromacy



Original Color

56.2101, 49.0003, 41.1457

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.4942, 49.6084, 50.0941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2101, 49.0003, 41.1457 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(239, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(239, 168, 163)  
}
```

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(239, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 56.2101, 49.0003, 41.1457 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(239, 168, 163) }
```


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

```
.border{ border-color:rgb(239, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(239, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2101, 49.0003, 41.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 168, 163) }
```

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

```
.background{ background-color: rgb(239,  
168, 163) }
```

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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