

Converting Colors

XYZ(56.4728, 58.9260, 27.4436)

Have a look what the booklet for
XYZ(56.4728, 58.9260, 27.4436)
contains.

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Color

**XYZ(56.6946, 59.1251,
27.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C77C
RGB	230, 199, 124
RGB Percent	90%, 78%, 49%
CMY	0.0980, 0.2196, 0.5137
CMYK	0.00, 0.13, 0.46, 0.10
HSL	42°, 68%, 69%
HSV	42°, 46%, 90%
XYZ	56.6946, 59.1251, 27.4929
YIQ	199.7190, 42.5510, -16.7530

Conversions

Conversions Part 2

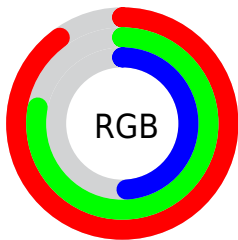
Format	Color
R_{YB}	168, 230, 124
Decimal	15124348
CIE Lab	81.36, 1.24, 41.45
CIE LCh	81, 41.470, 88.292
Yxy	59.1251, 0.3956, 0.4126
Android (android.graphics.Color)	4293314428 (0xFFE6C77C)
YUV	199.7190, -37.3295, 26.5564
Hunter-Lab	76.8928, -2.9509, 32.6260

Details

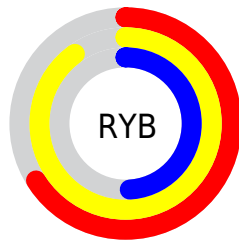
The XYZ color **56.6946, 59.1251, 27.4929** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.3160, 33.4396, 79.5084**, and the grayscale version is **54.9321, 57.7928, 62.9364**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **28.3413, 29.5025, 10.5041** is the 20% darker color. If you saturate the color by 10%, you get **53.8934, 55.5853, 20.2010**, and if you desaturate by 10%, it is **59.9063, 62.9429, 36.5964**.

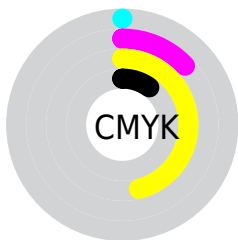
Distribution



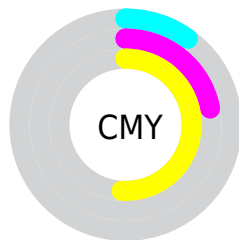
- Red (90%)
- Green (78%)
- Blue (49%)



- Red (66%)
- Yellow (90%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (46%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6946, 59.1251, 27.4929 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 56.6946, 59.1251, 27.4929 by changing the saturation by 10% instead.

■ 56.6946, 59.1251,
27.4929

■ 56.6946, 59.1251,
27.4929

402.3367,
421.3654, 303.8711

■ 40.9993, 42.7138,
17.7080

■ 99.1534, 103.5595,
56.6871

■ 28.5062, 29.6606,
10.5733

■ 126.6475,
132.3513, 76.9336

■ 18.8500, 19.5812,
5.6702

■ 158.8053,
166.0389, 101.5043

■ 11.6653, 12.0910,
2.5801

195.9922,
205.0065, 130.8179

■ 6.5868, 6.8057,
0.8821

238.5733,
249.6385, 165.2928

■ 3.2491, 3.3409,
0.0000

286.9142,

■ 1.2868, 1.3122,

300.3194, 205.3476

0.0000

341.3802,
357.4336, 251.4009

■ 0.1733, 0.1506,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6946, 59.1251,
27.4929

■ 56.6946, 59.1251,
27.4929

■ 53.8934, 55.5853,
20.2010

■ 59.9063, 62.9429,
36.5964

■ 51.4737, 52.3040,
14.5909


■ 63.5466, 67.0408,
47.6221


■ 49.4088, 49.2712,
10.5209


■ 67.6378, 71.4311,
60.6759

■ 47.6664, 46.4725,
7.8245


■ 72.1989, 76.1229,
75.8550

 46.2062, 43.8904,
6.2949


 77.2480, 81.1246,
93.2500

 45.6855, 42.9280,
5.8780

 81.6541, 85.9852,
106.9009

 83.6637, 90.0044,
107.5708

 85.7474, 94.1718,
108.2654

 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



65.4156, 59.1251, 31.7194



56.6946, 59.1251, 27.4929



48.6644, 59.1251, 30.8406

Triad

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



56.6946, 59.1251, 27.4929



42.7662, 59.1251, 89.7431



71.5949, 59.1251, 92.8517

Complementary

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



56.6946, 59.1251, 27.4929



34.3160, 33.4396, 79.5084

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.



64.4686, 59.1251, 116.1928



56.6946, 59.1251, 27.4929



47.8872, 59.1251, 114.0976

Square

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



56.6946, 59.1251, 27.4929



41.1347, 59.1251, 62.9657



55.7016, 59.1251, 124.8156



74.5483, 59.1251, 65.8096

Rectangle

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



56.6946, 59.1251, 27.4929



44.6541, 59.1251, 37.5642



55.7016, 59.1251, 124.8156



69.5743, 59.1251, 101.6261

Sweetspot

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



56.6960, 59.1279, 27.4941



86.5856, 91.4300, 80.3093



45.8248, 33.6323, 35.4408



18.2766, 19.3017, 16.3503



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.



56.6960, 59.1279, 27.4941



68.3645, 70.5807, 26.1646



58.1729, 71.5748, 29.8188



15.2270, 16.0679, 15.2033



25.9752, 24.5246, 3.3647



1.9988, 1.9709, 0.2751

Inverse Universe

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



34.3160, 33.4396, 79.5084



36.9354, 34.5440, 99.3287



33.2034, 26.1671, 78.1633



13.9245, 14.5704, 18.2228



9.3228, 5.7077, 42.9935



0.7671, 0.5782, 3.2031

Previews

White Background



This preview shows how the XYZ color 56.6946, 59.1251, 27.4929 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 56.6946, 59.1251, 27.4929 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 56.6946, 59.1251, 27.4929

Background



This preview shows how black text looks on a background with the XYZ color 56.6946, 59.1251, 27.4929.



This preview shows how white text looks on a background with the XYZ color 56.6946, 59.1251,

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

56.6946, 59.1251, 27.4929

Protanopia

54.6410, 59.0939, 27.9284

Deuteranopia

60.4278, 59.0331, 27.6117



Tritanopia

64.3566, 58.9320, 65.1098

Trichromacy



Original Color

56.6946, 59.1251, 27.4929

Protanomaly

55.3288, 59.1013, 27.8936

Deuteranomaly

59.1520, 59.0361, 27.6795

Tritanomaly

61.0688, 58.8972, 48.7071

Monochromacy



Original Color

56.6946, 59.1251, 27.4929

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9646, 58.1360, 47.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6946, 59.1251, 27.4929 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(230, 199, 124)` looks like.

```
.text, #text, p{  
    color:rgb(230, 199, 124)  
}
```

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(230, 199, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 199, 124) }
```

Border

The CSS property to change the border of an element to XYZ 56.6946, 59.1251, 27.4929 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(230, 199, 124) }
```


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

```
.border{ border-color:rgb(230, 199, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 199, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 199, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 199, 124);  
box-shadow:4px 4px 4px 4px rgb(230, 199,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6946, 59.1251, 27.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 199, 124) }
```

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

```
.background{ background-color: rgb(230,  
199, 124) }
```

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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