

Converting Colors

XYZ(56.4740, 58.9283, 27.4449)

Have a look what the booklet for
XYZ(56.4740, 58.9283, 27.4449)
contains.

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Color

**XYZ(56.3746, 58.9601,
27.4780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5C77C |
| RGB | 229, 199, 124 |
| RGB Percent | 90%, 78%, 49% |
| CMY | 0.1020, 0.2196, 0.5137 |
| CMYK | 0.00, 0.13, 0.46, 0.10 |
| HSL | 43°, 67%, 69% |
| HSV | 43°, 46%, 90% |
| XYZ | 56.3746, 58.9601, 27.4780 |
| YIQ | 199.4200, 41.9550, -16.9650 |

Conversions

Conversions Part 2

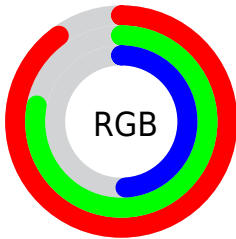
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 166, 229, 124 |
| Decimal | 15058812 |
| CIE _{Lab} | 81.27, 0.83, 41.32 |
| CIE _{LCh} | 81, 41.327, 88.845 |
| Yxy | 58.9601, 0.3947, 0.4128 |
| Android (android.graphics.Color) | 4293248892 (0xFFE5C77C) |
| YUV | 199.4200, -37.1821, 25.9417 |
| Hunter-Lab | 76.7855, -3.3229, 32.5327 |

Details

The XYZ color **56.3746, 58.9601, 27.4780** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.0103, 33.0523, 78.7157**, and the grayscale version is **54.7475, 57.5987, 62.7249**.

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 **53.6187, 55.5031, 20.2254**, and if you desaturate by 10%, it is **59.5343, 62.6866, 36.5255**.

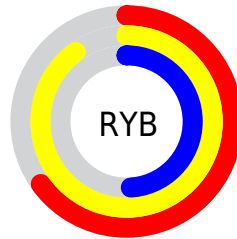
Distribution



Red (90%)

Green (78%)

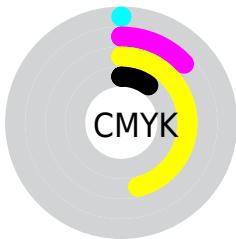
Blue (49%)



Red (65%)

Yellow (90%)

Blue (49%)

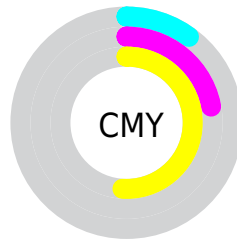


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3746, 58.9601, 27.4780 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 56.3746, 58.9601, 27.4780 by changing the saturation by 10% instead.

■ 56.3746, 58.9601,
27.4780

■ 56.3746, 58.9601,
27.4780

401.1539,
420.7540, 303.7972

■ 40.7415, 42.5810,
17.6969

■ 98.6887, 103.3197,
56.6630

■ 28.3039, 29.5565,
10.5654

■ 126.1004,
132.0689, 76.9040

■ 18.6965, 19.5022,
5.6650

■ 158.1691,
165.7104, 101.4687

■ 11.5539, 12.0337,
2.5770

195.2601,
204.6284, 130.7757

■ 6.5107, 6.7666,
0.8805

237.7387,
249.2074, 165.2435

■ 3.2016, 3.3166,
0.0000

285.9703,

■ 1.2613, 1.2992,

299.8317, 205.2907

0.0000

340.3202,
356.8858, 251.3357

■ 0.1539, 0.1406,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3746, 58.9601,
27.4780

■ 56.3746, 58.9601,
27.4780

■ 53.6187, 55.5031,
20.2254

■ 59.5343, 62.6866,
36.5255

■ 51.2380, 52.2962,
14.6395


■ 63.1158, 66.6844,
47.4770


■ 49.2064, 49.3299,
10.5807


■ 67.1408, 70.9656,
60.4371


■ 47.4920, 46.5901,
7.8850


■ 71.6282, 75.5390,
75.5017


 46.0555, 44.0596,
6.3498


 76.5957, 80.4130,
92.7605

 45.5140, 43.0600,
5.9126

 81.0121, 85.1761,
106.7786

 82.9542, 89.0603,
107.4259

 84.9662, 93.0844,
108.0966

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



65.0579, 58.9601, 31.5460



56.3746, 58.9601, 27.4780



48.4193, 58.9601, 30.9538

Triad

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



56.3746, 58.9601, 27.4780



42.7415, 58.9601, 89.9236



71.4510, 58.9601, 92.0146

Complementary

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



56.3746, 58.9601, 27.4780



34.0103, 33.0523, 78.7157

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.



64.4207, 58.9601, 115.3876



56.3746, 58.9601, 27.4780



47.8962, 58.9601, 113.9788

Square

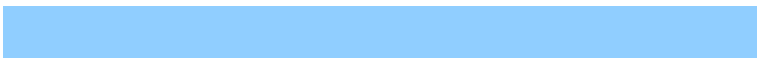
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3746, 58.9601, 27.4780



41.0508, 58.9601, 63.2454



55.7063, 58.9601, 124.2979



74.2944, 58.9601, 65.1592

Rectangle

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



56.3746, 58.9601, 27.4780



44.4658, 58.9601, 37.7556



55.7063, 58.9601, 124.2979



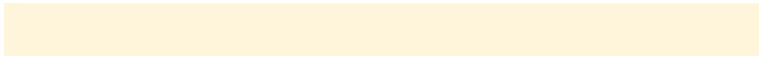
69.4659, 58.9601, 100.7698

Sweetspot

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



56.3760, 58.9629, 27.4792



86.6582, 91.5753, 80.3335



45.4796, 33.4573, 35.2925



18.2944, 19.3373, 16.3563



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.



56.3760, 58.9629, 27.4792



68.6043, 71.0603, 26.2445



57.6699, 70.9037, 29.7158



15.2355, 16.0849, 15.2061



26.1304, 24.8349, 3.4164



2.0092, 1.9918, 0.2786

Inverse Universe

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



34.0103, 33.0523, 78.7157



36.7778, 34.2287, 99.2761



33.0281, 26.0929, 77.4242



13.9165, 14.5543, 18.2201



9.2696, 5.6013, 42.9758



0.7623, 0.5686, 3.2015

Previews

White Background



This preview shows how the XYZ color 56.3746, 58.9601, 27.4780 looks on a white background.

Color Contrast Check

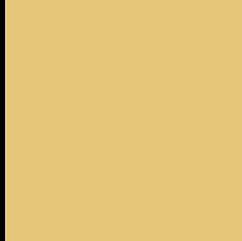
Large Text (above 18pt) WCAG AA × Fail

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 56.3746, 58.9601, 27.4780 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 56.3746, 58.9601, 27.4780

Background



This preview shows how black text looks on a background with the XYZ color 56.3746, 58.9601, 27.4780.



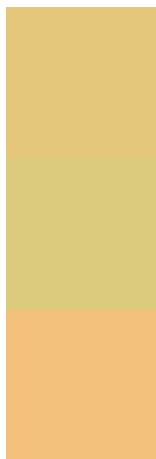
This preview shows how white text looks on a background with the XYZ color 56.3746, 58.9601,

27.4780.

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

56.3746, 58.9601, 27.4780

Protanopia

54.3374, 58.9374, 27.9142

Deuteranopia

60.0799, 58.8537, 27.5954



Tritanopia

64.0217, 58.7594, 65.0941

Trichromacy



Original Color

56.3746, 58.9601, 27.4780

Protanomaly

55.0197, 58.9419, 27.8791

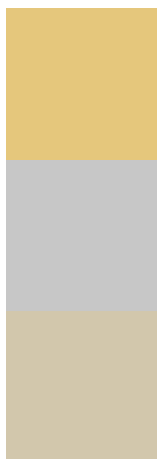
Deuteranomaly

58.8134, 58.8616, 27.6637

Tritanomaly

60.7395, 58.7275, 48.6917

Monochromacy



Original Color

56.3746, 58.9601, 27.4780

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4482, 57.5270, 47.2638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3746, 58.9601, 27.4780 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, 199, 124)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 199, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 199, 124) }
```

Border

The CSS property to change the border of an element to XYZ 56.3746, 58.9601, 27.4780 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, 199, 124) }
```


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

```
.border{ border-color:rgb(229, 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(229, 199, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 199, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 199, 124);  
box-shadow:4px 4px 4px 4px rgb(229, 199,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3746, 58.9601, 27.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 199, 124) }
```

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

```
.background{ background-color: rgb(229,  
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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