

Converting Colors

XYZ(54.5487, 62.0102, 28.6051)

Have a look what the booklet for
XYZ(54.5487, 62.0102, 28.6051)
contains.

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Color

**XYZ(54.4798, 61.8700,
28.4727)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D27D
RGB	214, 210, 125
RGB Percent	84%, 82%, 49%
CMY	0.1608, 0.1764, 0.5098
CMYK	0.00, 0.02, 0.42, 0.16
HSL	57°, 52%, 66%
HSV	57°, 42%, 84%
XYZ	54.4798, 61.8700, 28.4727
YIQ	201.5060, 29.6690, -25.5870

Conversions

Conversions Part 2

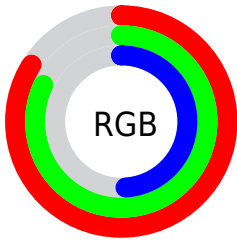
Format	Color
R _{YB}	129, 214, 125
Decimal	14078589
CIE Lab	82.84, -10.71, 42.53
CIE LCh	83, 43.855, 104.141
Yxy	61.8700, 0.3762, 0.4272
Android (android.graphics.Color)	4292268669 (0xFFD6D27D)
YUV	201.5060, -37.7175, 10.9572
Hunter-Lab	78.6575, -14.0178, 33.5982

Details

The XYZ color **54.4798, 61.8700, 28.4727** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.4451, 24.9148, 66.9280**, and the grayscale version is **56.0470, 58.9658, 64.2138**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **27.2250, 31.5404, 11.1316** is the 20% darker color. If you saturate the color by 10%, you get **53.0216, 60.9107, 21.9534**, and if you desaturate by 10%, it is **56.2370, 62.9557, 36.5461**.

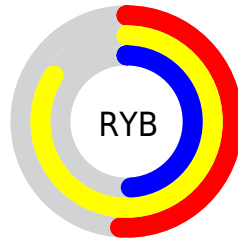
Distribution



Red (84%)

Green (82%)

Blue (49%)



Red (51%)

Yellow (84%)

Blue (49%)

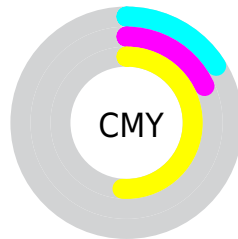


Cyan (0%)

Magenta (2%)

Yellow (42%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4798, 61.8700, 28.4727 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 54.4798, 61.8700, 28.4727 by changing the saturation by 10% instead.

■ 54.4798, 61.8700,
28.4727

■ 54.4798, 61.8700,
28.4727

394.1056,
431.4567, 308.7015

■ 39.2176, 44.9277,
18.4402

■ 95.9311, 107.5376,
58.2704

■ 27.1105, 31.4005,
11.0938

■ 122.8510,
137.0317, 78.8726

■ 17.7933, 20.9040,
6.0150

■ 154.3874,
171.4785, 103.8352

■ 10.9004, 13.0538,
2.7852

190.9057,
211.2624, 133.5766

■ 6.0667, 7.4656,
0.9861

232.7714,
256.7677, 168.5154

■ 2.9267, 3.7550,
0.0000

280.3496,

■ 1.1151, 1.5375,

308.3790, 209.0701

0.0000

334.0059,
366.4805, 255.6593

0.0377, 0.3149,
0.0000

0.0000, 0.0000,
0.0000

54.4798, 61.8700,
28.4727

54.4798, 61.8700,
28.4727

53.0216, 60.9107,
21.9534

56.2370, 62.9557,
36.5461

51.8388, 60.0615,
16.8839


58.3061, 64.1661,
46.2615


50.9115, 59.3169,
13.1530


60.7046, 65.5107,
57.7046


50.2152, 58.6669,
10.6318


63.4475, 66.9952,
70.9542


 49.7208, 58.0999,
9.1662


 66.5488, 68.6255,
86.0841

 49.4185, 57.6702,
8.5268

 70.0218, 70.4067,
103.1641

 70.5245, 71.0020,
104.5955

 70.7723, 71.4978,
104.6781

 71.0217, 71.9964,
104.7612

Harmonies

Analogous

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



63.9089, 61.8700, 28.7007



54.4798, 61.8700, 28.4727



47.0440, 61.8700, 36.5123

Triad

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



54.4798, 61.8700, 28.4727



46.7129, 61.8700, 110.4633



78.0603, 61.8700, 82.6008

Complementary

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



54.4798, 61.8700, 28.4727



28.4451, 24.9148, 66.9280

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.



72.3803, 61.8700, 112.0040



54.4798, 61.8700, 28.4727



53.9814, 61.8700, 130.7985

Square

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



54.4798, 61.8700, 28.4727



42.8958, 61.8700, 80.8870



63.3545, 61.8700, 131.4278



78.2307, 61.8700, 55.4424

Rectangle

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



54.4798, 61.8700, 28.4727



43.9315, 61.8700, 47.1333



63.3545, 61.8700, 131.4278



76.7068, 61.8700, 92.6904

Sweetspot

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



54.4813, 61.8728, 28.4740



90.0723, 97.3105, 84.8412



39.0580, 30.5610, 24.7671



19.1730, 20.7698, 17.6506



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.



54.4813, 61.8728, 28.4740



79.0651, 90.7287, 33.5952



45.1930, 58.5668, 28.3254



13.4229, 14.4199, 13.2366



29.8915, 34.9003, 5.1610



1.8180, 2.1352, 0.3163

Inverse Universe

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



28.4451, 24.9148, 66.9280



35.2950, 28.6065, 98.2691



34.9992, 27.5277, 67.0869



11.7869, 12.0972, 15.6513



7.4196, 3.1010, 38.6607



0.4636, 0.2192, 2.3372

Previews

White Background



This preview shows how the XYZ color 54.4798, 61.8700, 28.4727 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 54.4798, 61.8700, 28.4727 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 54.4798, 61.8700, 28.4727

Background



This preview shows how black text looks on a background with the XYZ color 54.4798, 61.8700, 28.4727.



This preview shows how white text looks on a background with the XYZ color 54.4798, 61.8700,

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

54.4798, 61.8700, 28.4727

Protanopia

57.0734, 61.7666, 27.9828

Deuteranopia

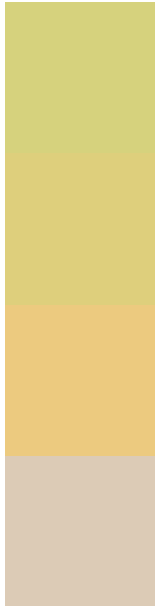
62.9295, 61.6308, 29.0013



Tritanopia

63.4296, 61.6004, 72.8369

Trichromacy



Original Color

54.4798, 61.8700, 28.4727

Protanomaly

56.0751, 61.6105, 28.0053

Deuteranomaly

59.5434, 61.6062, 28.8316

Tritanomaly

59.3146, 61.3049, 52.9628

Monochromacy



Original Color

54.4798, 61.8700, 28.4727

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.9249, 59.8404, 48.6999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4798, 61.8700, 28.4727 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(214, 210, 125)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 125)  
}
```

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(214, 210, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 125) }
```

Border

The CSS property to change the border of an element to XYZ 54.4798, 61.8700, 28.4727 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(214, 210, 125) }
```


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

```
.border{ border-color:rgb(214, 210, 125) }
```

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

Here you see how a box with a 4 pixel rgb(214, 210, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 125);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4798, 61.8700, 28.4727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 125) }
```

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

```
.background{ background-color: rgb(214,  
210, 125) }
```

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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