

Converting Colors

XYZ(59.1574, 67.6733, 29.3464)

Have a look what the booklet for
XYZ(59.1574, 67.6733, 29.3464)
contains.

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Color

**XYZ(59.1574, 67.6733,
29.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDB7D
RGB	222, 219, 125
RGB Percent	87%, 86%, 49%
CMY	0.1294, 0.1412, 0.5098
CMYK	0.00, 0.01, 0.44, 0.13
HSL	58°, 60%, 68%
HSV	58°, 44%, 87%
XYZ	59.1574, 67.6733, 29.3464
YIQ	209.1810, 31.9620, -28.5980

Conversions

Conversions Part 2

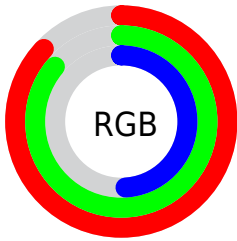
Format	Color
R _Y B	128, 222, 125
Decimal	14605181
CIE Lab	85.84, -12.08, 46.40
CIE LCh	86, 47.947, 104.589
Yxy	67.6733, 0.3788, 0.4333
Android (android.graphics.Color)	4292795261 (0xFFDEDB7D)
YUV	209.1810, -41.5012, 11.2423
Hunter-Lab	82.2638, -15.5990, 36.4338

Details

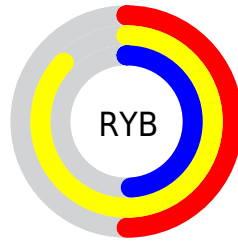
The XYZ color **59.1574, 67.6733, 29.3464** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3614, 25.0716, 72.3989**, and the grayscale version is **60.9719, 64.1471, 69.8562**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **29.9951, 35.0313, 11.4841** is the 20% darker color. If you saturate the color by 10%, you get **57.7171, 66.8141, 22.6345**, and if you desaturate by 10%, it is **60.9187, 68.6669, 37.7305**.

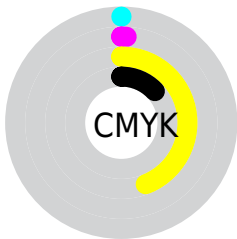
Distribution



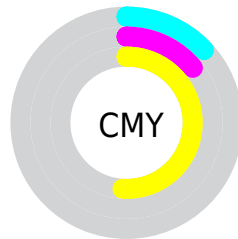
- Red (87%)
- Green (86%)
- Blue (49%)



- Red (50%)
- Yellow (87%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (44%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1574, 67.6733, 29.3464 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 59.1574, 67.6733, 29.3464 by changing the saturation by 10% instead.

■ 59.1574, 67.6733,
29.3464

■ 59.1574, 67.6733,
29.3464

411.3696,
452.3376, 312.9578

■ 42.9867, 49.6320,
19.0952

■ 102.7197,
115.8847, 59.6757

■ 30.0692, 35.1211,
11.5616

■ 130.8420,
146.8235, 80.5909

■ 20.0394, 23.7562,
6.3270

■ 163.6789,
182.8303, 105.8979

■ 12.5321, 15.1528,
2.9729

201.5958,
224.2895, 136.0151

■ 7.1819, 8.9267,
1.0808

244.9579,
271.5854, 171.3612

■ 3.6235, 4.6934,
0.0000

294.1307,

■ 1.4914, 2.0685,

325.1025, 212.3547

0.0000

349.4795,
385.2251, 259.4140

■ 0.3200, 0.6468,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1574, 67.6733,
29.3464

■ 59.1574, 67.6733,
29.3464

■ 57.7171, 66.8141,
22.6345

■ 60.9187, 68.6669,
37.7305

■ 56.5714, 66.0716,
17.4782


■ 63.0156, 69.7935,
47.8849


■ 55.6982, 65.4392,
13.7523


■ 65.4673, 71.0632,
59.9048


■ 55.0695, 64.9058,
11.3109

■ 68.2906, 72.4827,
73.8776


 54.6517, 64.4579,
9.9767


 71.5011, 74.0582,
89.8851

 54.4621, 64.2056,
9.5225

 74.5932, 75.5876,
105.2661

 74.7768, 75.9548,
105.3273

 74.9611, 76.3235,
105.3888

 75.1462, 76.6936,
105.4505

Harmonies

Analogous

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



70.0865, 67.6733, 29.4679



59.1574, 67.6733, 29.3464



50.6310, 67.6733, 38.5152

Triad

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



59.1574, 67.6733, 29.3464



50.4489, 67.6733, 124.7012



86.8547, 67.6733, 90.9175

Complementary

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



59.1574, 67.6733, 29.3464



29.3614, 25.0716, 72.3989

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.



80.2809, 67.6733, 125.5732



59.1574, 67.6733, 29.3464



58.8815, 67.6733, 148.5383

Square

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



59.1574, 67.6733, 29.3464



46.0046, 67.6733, 89.9583



69.7776, 67.6733, 148.8964



86.9503, 67.6733, 59.5026

Rectangle

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



59.1574, 67.6733, 29.3464



47.1005, 67.6733, 50.6994



69.7776, 67.6733, 148.8964



85.2987, 67.6733, 102.7400

Sweetspot

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



59.1590, 67.6764, 29.3478



89.8392, 97.3948, 83.0659



41.3700, 31.7622, 24.4539



19.0588, 20.7594, 16.9400



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.



59.1590, 67.6764, 29.3478



79.2458, 91.6114, 32.0486



47.8941, 63.0392, 29.0465



14.8336, 15.9531, 14.6042



32.3654, 38.1687, 5.6615



2.2550, 2.6688, 0.3963

Inverse Universe

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



29.3614, 25.0716, 72.3989



33.6568, 26.4349, 97.9363



37.1543, 28.5178, 72.6534



12.9858, 13.3107, 17.2725



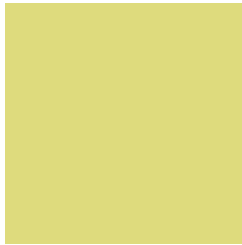
7.8905, 3.2505, 41.2599



0.5591, 0.2496, 2.8640

Previews

White Background



This preview shows how the XYZ color 59.1574, 67.6733, 29.3464 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 59.1574, 67.6733, 29.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

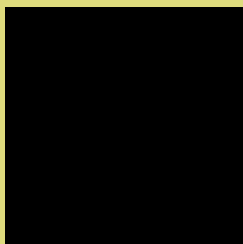
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

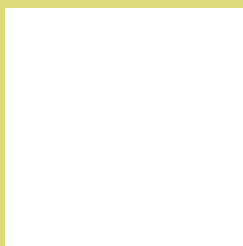
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1574, 67.6733, 29.3464

Background



This preview shows how black text looks on a background with the XYZ color 59.1574, 67.6733, 29.3464.



This preview shows how white text looks on a background with the XYZ color 59.1574, 67.6733,

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

59.1574, 67.6733, 29.3464

Protanopia

62.1365, 67.6931, 28.5300

Deuteranopia

68.2692, 67.3858, 35.3952



Tritanopia

69.3716, 67.3311, 79.8609

Trichromacy



Original Color

59.1574, 67.6733, 29.3464

Protanomaly

60.8271, 67.3900, 28.8704

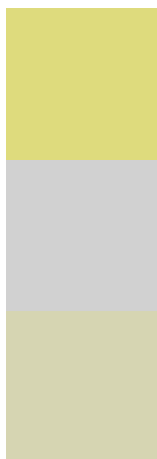
Deuteranomaly

64.7003, 67.4208, 32.8960

Tritanomaly

64.6845, 66.8774, 57.0763

Monochromacy



Original Color

59.1574, 67.6733, 29.3464

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5617, 65.0990, 51.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1574, 67.6733, 29.3464 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(222, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(222, 219, 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(222, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 219, 125) }
```

Border

The CSS property to change the border of an element to XYZ 59.1574, 67.6733, 29.3464 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(222, 219, 125) }
```


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

```
.border{ border-color:rgb(222, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(222, 219,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1574, 67.6733, 29.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 219, 125) }
```

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

```
.background{ background-color: rgb(222,  
219, 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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