

Converting Colors

XYZ(59.5851, 66.7429, 29.5897)

Have a look what the booklet for
XYZ(59.5851, 66.7429, 29.5897)
contains.

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Color

**XYZ(59.6858, 66.7868,
29.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D87E
RGB	226, 216, 126
RGB Percent	89%, 85%, 49%
CMY	0.1137, 0.1529, 0.5059
CMYK	0.00, 0.04, 0.44, 0.11
HSL	54°, 63%, 69%
HSV	54°, 44%, 89%
XYZ	59.6858, 66.7868, 29.4840
YIQ	208.7300, 34.8500, -25.8700

Conversions

Conversions Part 2

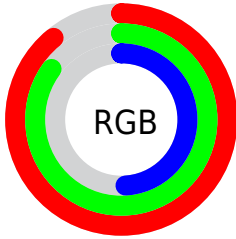
Format	Color
RYB	137, 226, 126
Decimal	14866558
CIELab	85.40, -8.88, 45.43
CIELCh	85, 46.290, 101.065
Yxy	66.7868, 0.3827, 0.4282
Android (android.graphics.Color)	4293056638 (0xFFE2D87E)
YUV	208.7300, -40.7859, 15.1458
Hunter-Lab	81.7232, -12.6497, 35.8157

Details

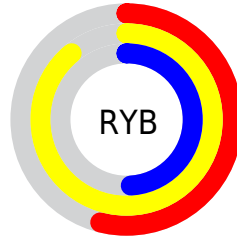
The XYZ color **59.6858, 66.7868, 29.4840** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.1357, 27.5342, 75.6251**, and the grayscale version is **60.6712, 63.8309, 69.5118**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **30.3771, 34.4328, 11.7018** is the 20% darker color. If you saturate the color by 10%, you get **57.8151, 65.1213, 22.4606**, and if you desaturate by 10%, it is **61.8972, 68.6061, 38.2476**.

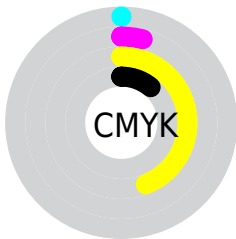
Distribution



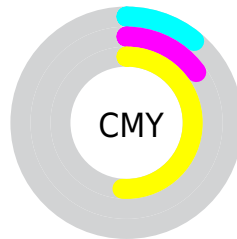
- Red (89%)
- Green (85%)
- Blue (49%)



- Red (54%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (4%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6858, 66.7868, 29.4840 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 59.6858, 66.7868, 29.4840 by changing the saturation by 10% instead.

■ 59.6858, 66.7868,
29.4840

■ 59.6858, 66.7868,
29.4840

413.2920,
449.1855, 313.6239

■ 43.4139, 48.9114,
19.1985

■ 103.4827,
114.6149, 59.8965

■ 30.4059, 34.5492,
11.6356

■ 131.7384,
145.3363, 80.8607

■ 20.2965, 23.3158,
6.3765

■ 164.7195,
181.1085, 106.2214

■ 12.7203, 14.8269,
3.0029

202.7912,
222.3160, 136.3974

■ 7.3119, 8.6980,
1.0961

246.3189,
269.3430, 171.8071

■ 3.7060, 4.5447,
0.0000

295.6681,

■ 1.5372, 1.9827,

322.5740, 212.8690

0.0000

351.2040,
382.3934, 260.0018

■ 0.3509, 0.5974,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6858, 66.7868,
29.4840

■ 59.6858, 66.7868,
29.4840

■ 57.8151, 65.1213,
22.4606

■ 61.8972, 68.6061,
38.2476

■ 56.2576, 63.5914,
17.0551


■ 64.4648, 70.5783,
48.8547


■ 54.9897, 62.1900,
13.1357


■ 67.4089, 72.7139,
61.4051


■ 53.9822, 60.9052,
10.5481


■ 70.7470, 75.0199,
75.9904


 53.1992, 59.7229,
9.1046


 74.4954, 77.5030,
92.6965

 52.8175, 59.0758,
8.6190

 77.5880, 79.7368,
105.9092

 78.2191, 80.9990,
106.1195

 78.8584, 82.2775,
106.3326

 79.5058, 83.5724,
106.5484

Harmonies

Analogous

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



70.2513, 66.7868, 30.6223



59.6858, 66.7868, 29.4840



51.1293, 66.7868, 37.2829

Triad

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



59.6858, 66.7868, 29.4840



49.4536, 66.7868, 117.6500



84.5326, 66.7868, 93.1203

Complementary

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



59.6858, 66.7868, 29.4840



31.1357, 27.5342, 75.6251

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.



77.6722, 66.7868, 125.5456



59.6858, 66.7868, 29.4840



57.1563, 66.7868, 142.1865

Square

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



59.6858, 66.7868, 29.4840



45.6702, 66.7868, 84.3793



67.4293, 66.7868, 145.4190



85.4027, 66.7868, 62.1865

Rectangle

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



59.6858, 66.7868, 29.4840



47.4123, 66.7868, 48.1993



67.4293, 66.7868, 145.4190



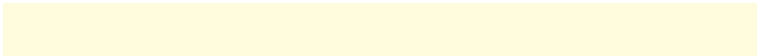
82.8179, 66.7868, 104.4001

Sweetspot

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



59.6874, 66.7899, 29.4854



89.1169, 95.9502, 82.8252



43.2693, 32.8687, 27.3571



18.8783, 20.3984, 16.8798



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.



59.6874, 66.7899, 29.4854



76.2224, 85.8150, 30.2682



51.2123, 66.3383, 29.8449



14.7486, 15.7831, 14.5759



30.1824, 33.8027, 4.9338



2.1264, 2.4116, 0.3534

Inverse Universe

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



31.1357, 27.5342, 75.6251



34.2115, 28.0755, 98.2237



36.9148, 28.5205, 75.5108



13.0617, 13.4625, 17.2978



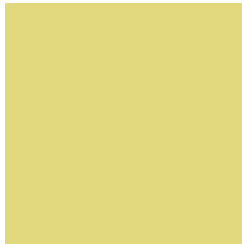
8.0412, 3.5519, 41.3101



0.5954, 0.3223, 2.8761

Previews

White Background



This preview shows how the XYZ color 59.6858, 66.7868, 29.4840 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 59.6858, 66.7868, 29.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

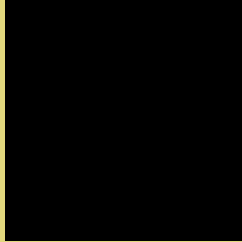
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6858, 66.7868, 29.4840

Background



This preview shows how black text looks on a background with the XYZ color 59.6858, 66.7868, 29.4840.



This preview shows how white text looks on a background with the XYZ color 59.6858, 66.7868,

29.4840.

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

59.6858, 66.7868, 29.4840

Protanopia

61.4276, 66.5616, 29.0121

Deuteranopia

67.7315, 66.7867, 33.7474



Tritanopia

69.4745, 66.7160, 77.6224

Trichromacy



Original Color

59.6858, 66.7868, 29.4840

Protanomaly

60.7032, 66.5627, 29.0505

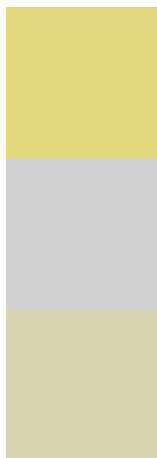
Deuteranomaly

64.4118, 66.5553, 32.0058

Tritanomaly

64.9421, 66.3019, 55.8291

Monochromacy



Original Color

59.6858, 66.7868, 29.4840

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7045, 64.7887, 52.0065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6858, 66.7868, 29.4840 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(226, 216, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 126)  
}
```

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(226, 216, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 126) }
```

Border

The CSS property to change the border of an element to XYZ 59.6858, 66.7868, 29.4840 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(226, 216, 126) }
```


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

```
.border{ border-color:rgb(226, 216, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 216, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 216, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 216, 126); box-shadow:4px 4px 4px 4px rgb(226, 216, 126) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6858, 66.7868, 29.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 126) }
```

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

```
.background{ background-color: rgb(226,  
216, 126) }
```

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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