

Converting Colors

XYZ(58.4089, 64.3855, 29.2093)

Have a look what the booklet for
XYZ(58.4089, 64.3855, 29.2093)
contains.

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Color

**XYZ(58.4242, 64.2636,
29.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D37E
RGB	226, 211, 126
RGB Percent	89%, 83%, 49%
CMY	0.1137, 0.1725, 0.5059
CMYK	0.00, 0.07, 0.44, 0.11
HSL	51°, 63%, 69%
HSV	51°, 44%, 89%
XYZ	58.4242, 64.2636, 29.0635
YIQ	205.7950, 36.2250, -23.2550

Conversions

Conversions Part 2

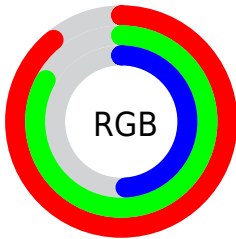
Format	Color
RYB	144, 226, 126
Decimal	14865278
CIELab	84.10, -6.35, 43.82
CIELCh	84, 44.275, 98.243
Yxy	64.2636, 0.3850, 0.4235
Android (android.graphics.Color)	4293055358 (0xFFE2D37E)
YUV	205.7950, -39.3389, 17.7198
Hunter-Lab	80.1646, -10.1967, 34.6197

Details

The XYZ color **58.4242, 64.2636, 29.0635** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8564, 28.9755, 75.8653**, and the grayscale version is **58.7639, 61.8242, 67.3265**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **29.6892, 33.0570, 11.4725** is the 20% darker color. If you saturate the color by 10%, you get **56.2951, 62.0813, 21.9540**, and if you desaturate by 10%, it is **60.9037, 66.6191, 37.9165**.

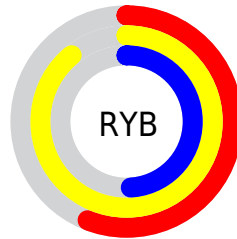
Distribution



Red (89%)

Green (83%)

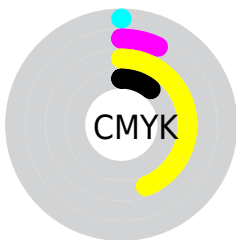
Blue (49%)



Red (56%)

Yellow (89%)

Blue (49%)

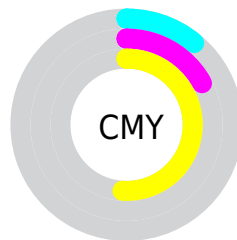


Cyan (0%)

Magenta (7%)

Yellow (44%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4242, 64.2636, 29.0635 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 58.4242, 64.2636, 29.0635 by changing the saturation by 10% instead.

■ 58.4242, 64.2636,
29.0635

■ 58.4242, 64.2636,
29.0635

408.6932,
440.1409, 311.5848

■ 42.3944, 46.8642,
18.8829

■ 101.6598,
110.9905, 59.2213

■ 29.6027, 32.9283,
11.4097

■ 129.5962,
141.0867, 80.0356

■ 19.6838, 22.0715,
6.2255

■ 162.2322,
176.1841, 105.2316

■ 12.2723, 13.9095,
2.9117

199.9331,
216.6669, 135.2277

■ 7.0029, 8.0577,
1.0497

243.0643,
262.9196, 170.4425

■ 3.5103, 4.1319,
0.0000

291.9911,

■ 1.4290, 1.7476,

315.3266, 211.2946

0.0000

347.0790,
374.2722, 258.2025

■ 0.2767, 0.4542,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4242, 64.2636,
29.0635

■ 58.4242, 64.2636,
29.0635

■ 56.2951, 62.0813,
21.9540

■ 60.9037, 66.6191,
37.9165

■ 54.4890, 60.0542,
16.4655


■ 63.7493, 69.1472,
48.6161


■ 52.9821, 58.1748,
12.4665


■ 66.9813, 71.8587,
61.2625


■ 51.7452, 56.4312,
9.8025

■ 70.6174, 74.7607,
75.9472


 50.7423, 54.8090,
8.2856


 74.6739, 77.8600,
92.7560

 50.2383, 53.9174,
7.7592

 78.0847, 80.7302,
106.0747

 79.0443, 82.6493,
106.3946

 80.0223, 84.6053,
106.7206

 81.0189, 86.5985,
107.0528

Harmonies

Analogous

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



68.3187, 64.2636, 30.9277



58.4242, 64.2636, 29.0635



50.1652, 64.2636, 35.6276

Triad

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



58.4242, 64.2636, 29.0635



47.4711, 64.2636, 108.8789



80.2614, 64.2636, 91.8909

Complementary

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



58.4242, 64.2636, 29.0635



31.8564, 28.9755, 75.8653

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.



73.4746, 64.2636, 121.3591



58.4242, 64.2636, 29.0635



54.3727, 64.2636, 132.8492

Square

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



58.4242, 64.2636, 29.0635



44.2977, 64.2636, 77.9804



63.8164, 64.2636, 137.9415



81.6431, 64.2636, 62.5318

Rectangle

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



58.4242, 64.2636, 29.0635



46.4470, 64.2636, 45.2844



63.8164, 64.2636, 137.9415



78.5041, 64.2636, 102.3132

Sweetspot

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



58.4258, 64.2666, 29.0648



88.5994, 94.9153, 82.6527



43.6331, 33.0142, 29.2728



18.7492, 20.1403, 16.8368



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.



58.4258, 64.2666, 29.0648



74.2536, 81.8774, 29.6119



52.4485, 66.9756, 29.9028



14.6875, 15.6610, 14.5555



28.7306, 30.8991, 4.4499



2.0396, 2.2381, 0.3245

Inverse Universe

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



31.8564, 28.9755, 75.8653



35.1698, 29.9922, 98.5432



35.8869, 27.9906, 75.4627



13.1171, 13.5733, 17.3163



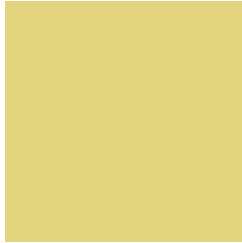
8.2095, 3.8885, 41.3662



0.6217, 0.3748, 2.8848

Previews

White Background



This preview shows how the XYZ color 58.4242, 64.2636, 29.0635 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 58.4242, 64.2636, 29.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

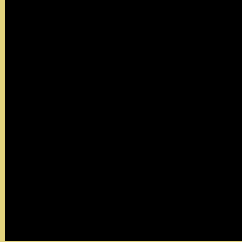
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4242, 64.2636, 29.0635

Background



This preview shows how black text looks on a background with the XYZ color 58.4242, 64.2636, 29.0635.



This preview shows how white text looks on a background with the XYZ color 58.4242, 64.2636, 29.0635.

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

58.4242, 64.2636, 29.0635

Protanopia

59.1256, 64.2576, 29.0254

Deuteranopia

65.4236, 63.9379, 29.3151



Tritanopia

67.3099, 63.9286, 73.7576

Trichromacy



Original Color

58.4242, 64.2636, 29.0635

Protanomaly

58.8074, 64.0935, 29.0105

Deuteranomaly

62.7319, 63.9511, 29.1162

Tritanomaly

63.4188, 63.7604, 53.7642

Monochromacy



Original Color

58.4242, 64.2636, 29.0635

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9323, 62.4322, 50.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4242, 64.2636, 29.0635 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, 211, 126)` looks like.

```
.text, #text, p{  
    color:rgb(226, 211, 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, 211, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 211, 126) }
```

Border

The CSS property to change the border of an element to XYZ 58.4242, 64.2636, 29.0635 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, 211, 126) }
```


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

```
.border{ border-color:rgb(226, 211, 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, 211, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 211, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 211, 126);  
box-shadow:4px 4px 4px 4px rgb(226, 211,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4242, 64.2636, 29.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 211, 126) }
```

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

```
.background{ background-color: rgb(226,  
211, 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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