

Converting Colors

XYZ(57.6846, 63.4673, 27.4335)

Have a look what the booklet for
XYZ(57.6846, 63.4673, 27.4335)
contains.

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Color

**XYZ(57.8618, 63.6424,
27.3237)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D279
RGB	226, 210, 121
RGB Percent	89%, 82%, 47%
CMY	0.1137, 0.1764, 0.5255
CMYK	0.00, 0.07, 0.46, 0.11
HSL	51°, 64%, 68%
HSV	51°, 46%, 89%
XYZ	57.8618, 63.6424, 27.3237
YIQ	204.6380, 38.1050, -24.2870

Conversions

Conversions Part 2

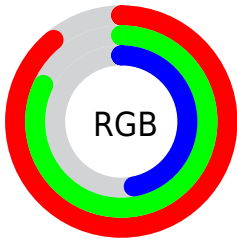
Format	Color
RYB	140, 226, 121
Decimal	14865017
CIELab	83.78, -6.32, 45.88
CIELCh	84, 46.316, 97.845
Yxy	63.6424, 0.3888, 0.4276
Android (android.graphics.Color)	4293055097 (0xFFE2D279)
YUV	204.6380, -41.2335, 18.7345
Hunter-Lab	79.7762, -10.1420, 35.5362

Details

The XYZ color **57.8618, 63.6424, 27.3237** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.5581, 27.4464, 75.6384**, and the grayscale version is **58.0363, 61.0587, 66.4929**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **29.3561, 32.6541, 10.5500** is the 20% darker color. If you saturate the color by 10%, you get **55.7948, 61.4725, 20.5798**, and if you desaturate by 10%, it is **60.2749, 65.9846, 35.7860**.

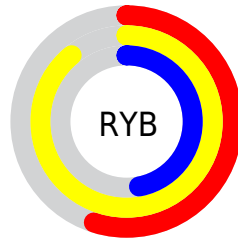
Distribution



Red (89%)

Green (82%)

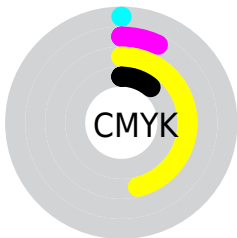
Blue (47%)



Red (55%)

Yellow (89%)

Blue (47%)

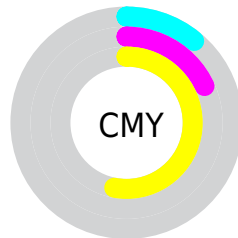


Cyan (0%)

Magenta (7%)

Yellow (46%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8618, 63.6424, 27.3237 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 57.8618, 63.6424, 27.3237 by changing the saturation by 10% instead.

■ 57.8618, 63.6424,
27.3237

■ 57.8618, 63.6424,
27.3237

406.6329,
437.8971, 303.0306

■ 41.9404, 46.3611,
17.5819

■ 100.8457,
110.0958, 56.4129

■ 29.2455, 32.5309,
10.4839

■ 128.6389,
140.0366, 76.5974

■ 19.4118, 21.7673,
5.6112

■ 161.1201,
174.9661, 101.0998

■ 12.0740, 13.6860,
2.5452

198.6546,
215.2687, 130.3388

■ 6.8667, 7.9026,
0.8640

241.6077,
261.3287, 164.7328

■ 3.4244, 4.0327,
0.0000

290.3450,

■ 1.3820, 1.6919,

313.5305, 204.7004

0.0000

345.2316,
372.2585, 250.6602

■ 0.2433, 0.4184,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8618, 63.6424,
27.3237

■ 57.8618, 63.6424,
27.3237

■ 55.7948, 61.4725,
20.5798

■ 60.2749, 65.9846,
35.7860

■ 54.0461, 59.4567,
15.4293


■ 63.0503, 68.4989,
46.0723


■ 52.5910, 57.5873,
11.7362


■ 66.2087, 71.1960,
58.2843


■ 51.3992, 55.8518,
9.3405


■ 69.7679, 74.0831,
72.5151


 50.4320, 54.2347,
8.0401

 73.7445, 77.1673,
88.8517

 50.1202, 53.6812,
7.7199

 77.8952, 80.3511,
106.0115

 78.8664, 82.2935,
106.3353

 79.8566, 84.2740,
106.6654

 80.8660, 86.2928,
107.0018

Harmonies

Analogous

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



68.1634, 63.6424, 29.3104



57.8618, 63.6424, 27.3237



49.2750, 63.6424, 33.8291

Triad

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



57.8618, 63.6424, 27.3237



46.3330, 63.6424, 109.6182



80.4552, 63.6424, 92.6179

Complementary

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



57.8618, 63.6424, 27.3237



30.5581, 27.4464, 75.6384

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.



73.2898, 63.6424, 123.5551



57.8618, 63.6424, 27.3237



53.4156, 63.6424, 135.1317

Square

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



57.8618, 63.6424, 27.3237



43.1223, 63.6424, 77.2192



63.1970, 63.6424, 140.8429



81.9888, 63.6424, 61.9338

Rectangle

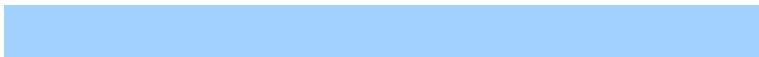
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.8618, 63.6424, 27.3237



45.4078, 63.6424, 43.5727



63.1970, 63.6424, 140.8429



78.5895, 63.6424, 103.5550

Sweetspot

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



57.8633, 63.6454, 27.3250



88.1154, 94.4896, 80.8192



42.8255, 31.6936, 28.0961



18.6520, 20.0526, 16.4755



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.



57.8633, 63.6454, 27.3250



73.3849, 80.8526, 27.1260



52.1336, 66.8496, 28.2455



14.6846, 15.6552, 14.5546



28.6641, 30.7661, 4.4277



2.0356, 2.2301, 0.3232

Inverse Universe

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



30.5581, 27.4464, 75.6384



33.2761, 27.7149, 98.2034



34.2757, 26.2344, 75.2085



13.1198, 13.5786, 17.3171



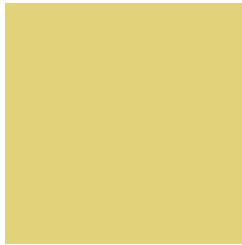
8.2189, 3.9074, 41.3694



0.6229, 0.3773, 2.8852

Previews

White Background



This preview shows how the XYZ color 57.8618, 63.6424, 27.3237 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 57.8618, 63.6424, 27.3237 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 57.8618, 63.6424, 27.3237

Background



This preview shows how black text looks on a background with the XYZ color 57.8618, 63.6424, 27.3237.



This preview shows how white text looks on a background with the XYZ color 57.8618, 63.6424,

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

57.8618, 63.6424, 27.3237

Protanopia

58.5648, 63.6394, 27.2861

Deuteranopia

64.8716, 63.3477, 27.5471



Tritanopia

67.2812, 63.5860, 73.0172

Trichromacy



Original Color

57.8618, 63.6424, 27.3237

Protanomaly

58.2466, 63.4754, 27.2712

Deuteranomaly

62.1770, 63.3501, 27.3631

Tritanomaly

62.9751, 63.2039, 52.5965

Monochromacy



Original Color

57.8618, 63.6424, 27.3237

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.3934, 61.8278, 48.9534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8618, 63.6424, 27.3237 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, 210, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 210, 121)  
}
```

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, 210, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 210, 121) }
```

Border

The CSS property to change the border of an element to XYZ 57.8618, 63.6424, 27.3237 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, 210, 121) }
```


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

```
.border{ border-color:rgb(226, 210, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 210, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 210, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 210, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 210,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8618, 63.6424, 27.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 210, 121) }
```

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

```
.background{ background-color: rgb(226,  
210, 121) }
```

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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