

Converting Colors

XYZ(60.0842, 67.2985, 25.8801)

Have a look what the booklet for
XYZ(60.0842, 67.2985, 25.8801)
contains.

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Color

**XYZ(60.1632, 67.4986,
25.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D972
RGB	229, 217, 114
RGB Percent	90%, 85%, 45%
CMY	0.1020, 0.1490, 0.5529
CMYK	0.00, 0.05, 0.50, 0.10
HSL	54°, 69%, 67%
HSV	54°, 50%, 90%
XYZ	60.1632, 67.4986, 25.7772
YIQ	208.8460, 40.2150, -29.4890

Conversions

Conversions Part 2

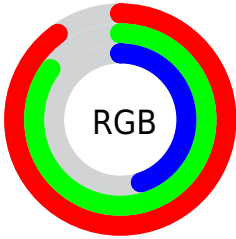
Format	Color
RYB	127, 229, 114
Decimal	15063410
CIELab	85.76, -9.29, 51.72
CIELCh	86, 52.544, 100.187
Yxy	67.4986, 0.3921, 0.4399
Android (android.graphics.Color)	4293253490 (0xFFE5D972)
YUV	208.8460, -46.7591, 17.6751
Hunter-Lab	82.1575, -13.0618, 38.9078

Details

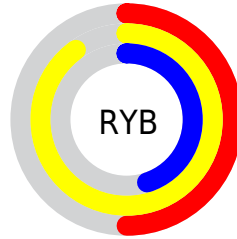
The XYZ color **60.1632, 67.4986, 25.7772** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5430, 24.1556, 77.2866**, and the grayscale version is **60.7823, 63.9477, 69.6390**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **30.5844, 34.8464, 9.6715** is the 20% darker color. If you saturate the color by 10%, you get **58.4089, 65.8214, 19.5472**, and if you desaturate by 10%, it is **62.2559, 69.3304, 33.7313**.

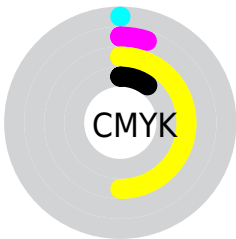
Distribution



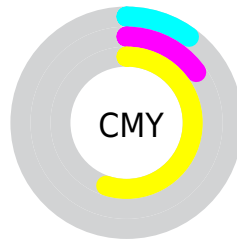
- Red (90%)
- Green (85%)
- Blue (45%)



- Red (50%)
- Yellow (90%)
- Blue (45%)



- Cyan (0%)
- Magenta (5%)
- Yellow (50%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1632, 67.4986, 25.7772 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 60.1632, 67.4986, 25.7772 by changing the saturation by 10% instead.

60.1632, 67.4986,
25.7772

60.1632, 67.4986,
25.7772

415.0242,
451.7175, 295.2572

43.8002, 49.4899,
16.4328

104.1714,
115.6346, 53.8950

30.7107, 35.0083,
9.6732

132.5472,
146.5306, 73.5054

20.5294, 23.6693,
5.0801

165.6580,
182.4913, 97.3748

12.8909, 15.0885,
2.2348

203.8692,
223.9010, 125.9219

7.4300, 8.8815,
0.6943

247.5460,
271.1441, 159.5652

3.7811, 4.6640,
0.0000

297.0539,

1.5791, 2.0515,

324.6049, 198.7231

0.0000

352.7581,
384.6679, 243.8143

■ 0.3787, 0.6371,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1632, 67.4986,
25.7772

■ 60.1632, 67.4986,
25.7772

■ 58.4089, 65.8214,
19.5472

■ 62.2559, 69.3304,
33.7313

■ 56.9634, 64.2795,
14.9063


■ 64.7045, 71.3163,
43.5225


■ 55.7998, 62.8644,
11.7064


■ 67.5310, 73.4678,
55.2592


■ 54.8843, 61.5627,
9.7697

■ 70.7541, 75.7924,
69.0401


 54.1721, 60.3761,
8.7986

 74.3914, 78.2971,
84.9573

 78.4593, 80.9886,
103.0971

 79.7074, 82.5669,
106.3437

 80.3910, 83.9339,
106.5715

 81.0837, 85.3193,
106.8025

Harmonies

Analogous

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



72.2923, 67.4986, 27.2300



60.1632, 67.4986, 25.7772



50.3974, 67.4986, 33.7100

Triad

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



60.1632, 67.4986, 25.7772



48.1039, 67.4986, 124.8711



88.3845, 67.4986, 98.2258

Complementary

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



60.1632, 67.4986, 25.7772



28.5430, 24.1556, 77.2866

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.



80.2137, 67.4986, 136.3631



60.1632, 67.4986, 25.7772



56.6532, 67.4986, 154.7690

Square

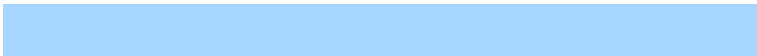
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.1632, 67.4986, 25.7772



44.0323, 67.4986, 85.8031



68.3204, 67.4986, 159.5287



89.6302, 67.4986, 62.4232

Rectangle

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



60.1632, 67.4986, 25.7772



46.1571, 67.4986, 45.3101



68.3204, 67.4986, 159.5287



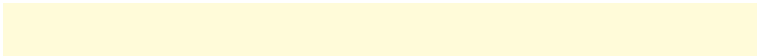
86.3126, 67.4986, 111.4558

Sweetspot

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



60.1648, 67.5017, 25.7786



88.2324, 95.2578, 79.2115



42.1888, 30.2365, 23.8349



18.7009, 20.2554, 16.1677



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.



60.1648, 67.5017, 25.7786



74.5173, 83.9774, 24.8521



51.0444, 67.5574, 26.2700



15.4664, 16.5468, 15.2831



31.0256, 34.6254, 5.0481



2.3298, 2.6330, 0.3854

Inverse Universe

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



28.5430, 24.1556, 77.2866



30.0029, 22.9916, 97.4642



34.2777, 24.9701, 77.1416



13.7032, 14.1278, 18.1490



8.3126, 3.6874, 42.6568



0.6553, 0.3545, 3.1659

Previews

White Background



This preview shows how the XYZ color 60.1632, 67.4986, 25.7772 looks on a white background.

Color Contrast Check

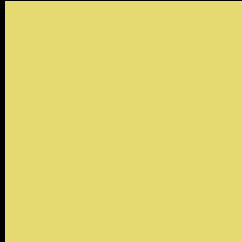
Large Text (above 18pt) WCAG AA × Fail

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 60.1632, 67.4986, 25.7772 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 60.1632, 67.4986, 25.7772

Background



This preview shows how black text looks on a background with the XYZ color 60.1632, 67.4986, 25.7772.



This preview shows how white text looks on a background with the XYZ color 60.1632, 67.4986,

25.7772.

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

60.1632, 67.4986, 25.7772

Protanopia

61.8731, 67.6260, 25.4148

Deuteranopia

67.9715, 67.2667, 33.8274



Tritanopia

70.8176, 67.4084, 77.6852

Trichromacy



Original Color

60.1632, 67.4986, 25.7772

Protanomaly

61.1408, 67.6276, 25.4538

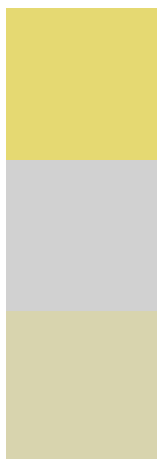
Deuteranomaly

65.0819, 67.2977, 30.6787

Tritanomaly

65.8360, 66.8112, 53.6819

Monochromacy



Original Color

60.1632, 67.4986, 25.7772

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5024, 64.7419, 49.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1632, 67.4986, 25.7772 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(229, 217, 114)` looks like.

```
.text, #text, p{  
    color:rgb(229, 217, 114)  
}
```

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(229, 217, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 114) }
```

Border

The CSS property to change the border of an element to XYZ 60.1632, 67.4986, 25.7772 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(229, 217, 114) }
```


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

```
.border{ border-color:rgb(229, 217, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 217, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 114);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1632, 67.4986, 25.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 114) }
```

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

```
.background{ background-color: rgb(229,  
217, 114) }
```

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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