

Converting Colors

XYZ(60.6179, 66.2445, 31.8217)

Have a look what the booklet for
XYZ(60.6179, 66.2445, 31.8217)
contains.

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Color

**XYZ(60.3410, 65.9400,
31.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D585
RGB	229, 213, 133
RGB Percent	90%, 84%, 52%
CMY	0.1020, 0.1647, 0.4784
CMYK	0.00, 0.07, 0.42, 0.10
HSL	50°, 65%, 71%
HSV	50°, 42%, 90%
XYZ	60.3410, 65.9400, 31.7377
YIQ	208.6640, 35.2160, -21.4880

Conversions

Conversions Part 2

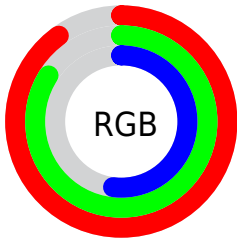
Format	Color
R_{YB}	152, 229, 133
Decimal	15062405
CIE _{Lab}	84.97, -5.47, 41.47
CIE _{LCh}	85, 41.830, 97.512
Yxy	65.9400, 0.3819, 0.4173
Android (android.graphics.Color)	4293252485 (0xFFE5D585)
YUV	208.6640, -37.3024, 17.8347
Hunter-Lab	81.2034, -9.4655, 33.6694

Details

The XYZ color **60.3410, 65.9400, 31.7377** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.5629, 32.1376, 78.5101**, and the grayscale version is **60.6060, 63.7623, 69.4371**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **30.9344, 34.1761, 12.9489** is the 20% darker color. If you saturate the color by 10%, you get **57.9804, 63.4806, 23.9782**, and if you desaturate by 10%, it is **63.0724, 68.5886, 41.3238**.

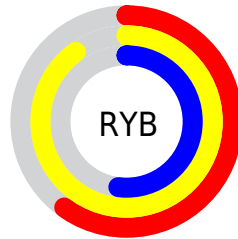
Distribution



Red (90%)

Green (84%)

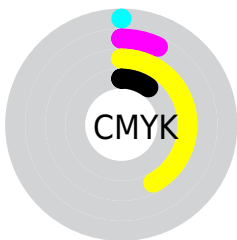
Blue (52%)



Red (60%)

Yellow (90%)

Blue (52%)

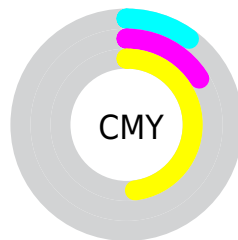


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3410, 65.9400, 31.7377 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 60.3410, 65.9400, 31.7377 by changing the saturation by 10% instead.

60.3410, 65.9400,
31.7377

60.3410, 65.9400,
31.7377

415.6682,
446.1623, 324.3785

43.9441, 48.2237,
20.8981

104.4277,
113.4002, 63.4928

30.8243, 34.0041,
12.8590

132.8482,
143.9129, 85.2453

20.6162, 22.8967,
7.2019

166.0072,
179.4599, 111.4726

12.9546, 14.5173,
3.5084

204.2702,
220.4255, 142.5931

7.4741, 8.4813,
1.3597

248.0024,
267.1941, 179.0254

3.8093, 4.4044,
0.1100

297.5692,

1.5948, 1.9023,

320.1502, 221.1880

0.0000

353.3360,
379.6781, 269.4995

■ 0.3890, 0.5497,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3410, 65.9400,
31.7377

■ 60.3410, 65.9400,
31.7377

■ 57.9804, 63.4806,
23.9782

■ 63.0724, 68.5886,
41.3238

■ 55.9629, 61.1919,
17.9219


■ 66.1904, 71.4259,
52.8411


■ 54.2646, 59.0665,
13.4367


■ 69.7158, 74.4627,
66.3909


■ 52.8562, 57.0925,
10.3690

■ 73.6664, 77.7065,
82.0663

 51.7025, 55.2556,
8.5344


 78.0590, 81.1641,
99.9548

 50.9105, 53.8529,
7.7114

 80.3291, 83.8100,
106.5509

 81.4387, 86.0294,
106.9208

 82.5720, 88.2959,
107.2985

 83.7290, 90.6099,
107.6842

Harmonies

Analogous

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



69.8438, 65.9400, 33.8073



60.3410, 65.9400, 31.7377



52.3009, 65.9400, 38.0701

Triad

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



60.3410, 65.9400, 31.7377



49.4037, 65.9400, 108.1504



80.8989, 65.9400, 93.4699

Complementary

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



60.3410, 65.9400, 31.7377



34.5629, 32.1376, 78.5101

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.



74.3353, 65.9400, 121.1760



60.3410, 65.9400, 31.7377



56.0124, 65.9400, 131.0227

Square

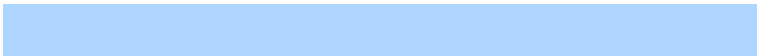
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3410, 65.9400, 31.7377



46.4099, 65.9400, 78.7784



65.0664, 65.9400, 136.3064



82.3528, 65.9400, 65.2416

Rectangle

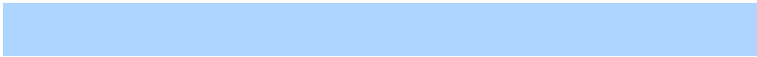
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.3410, 65.9400, 31.7377



48.6325, 65.9400, 47.4307



65.0664, 65.9400, 136.3064



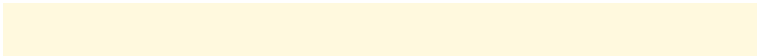
79.1873, 65.9400, 103.3406

Sweetspot

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



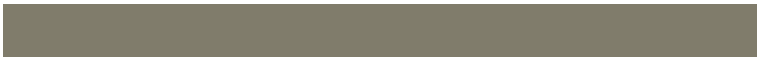
60.3426, 65.9430, 31.7391



88.4280, 94.5725, 82.5955



46.1259, 35.6037, 32.8757



18.7065, 20.0548, 16.8226



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.



60.3426, 65.9430, 31.7391



74.4573, 81.5131, 32.0592



55.2792, 69.6025, 32.7123



15.3865, 16.3869, 15.2565



29.1847, 30.9435, 4.4345



2.2112, 2.3956, 0.3459

Inverse Universe

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



34.5629, 32.1376, 78.5101



37.5838, 33.1840, 99.0320



38.0481, 30.4324, 77.9973



13.7759, 14.2732, 18.1733



8.5439, 4.1499, 42.7339



0.6898, 0.4235, 3.1774

Previews

White Background



This preview shows how the XYZ color 60.3410, 65.9400, 31.7377 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 60.3410, 65.9400, 31.7377 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 60.3410, 65.9400, 31.7377

Background



This preview shows how black text looks on a background with the XYZ color 60.3410, 65.9400, 31.7377.

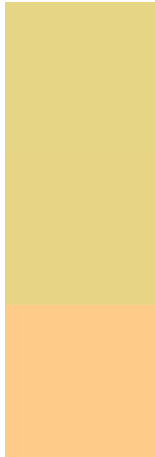


This preview shows how white text looks on a background with the XYZ color 60.3410, 65.9400,

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

60.3410, 65.9400, 31.7377

Protanopia

60.7321, 65.7693, 31.6841

Deuteranopia

67.1113, 65.7780, 32.8262



Tritanopia

69.2707, 65.9510, 75.4085

Trichromacy



Original Color

60.3410, 65.9400, 31.7377

Protanomaly

60.4102, 65.6034, 31.6691

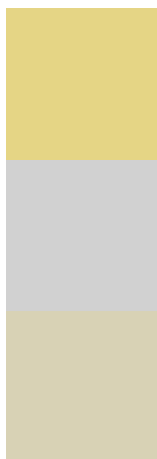
Deuteranomaly

64.7628, 65.9961, 32.6177

Tritanomaly

65.5434, 65.8757, 56.2745

Monochromacy



Original Color

60.3410, 65.9400, 31.7377

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7060, 64.0283, 52.9279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3410, 65.9400, 31.7377 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, 213, 133)` looks like.

```
.text, #text, p{  
    color:rgb(229, 213, 133)  
}
```

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, 213, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 213, 133) }
```

Border

The CSS property to change the border of an element to XYZ 60.3410, 65.9400, 31.7377 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, 213, 133) }
```


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

```
.border{ border-color:rgb(229, 213, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 213, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 213, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 213, 133);  
box-shadow:4px 4px 4px 4px rgb(229, 213,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3410, 65.9400, 31.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 213, 133) }
```

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

```
.background{ background-color: rgb(229,  
213, 133) }
```

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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