

Converting Colors

XYZ(61.2581, 65.6938, 30.5708)

Have a look what the booklet for
XYZ(61.2581, 65.6938, 30.5708)
contains.

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Color

**XYZ(61.2552, 65.6927,
30.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD382
RGB	234, 211, 130
RGB Percent	92%, 83%, 51%
CMY	0.0824, 0.1725, 0.4902
CMYK	0.00, 0.10, 0.44, 0.08
HSL	47°, 71%, 71%
HSV	47°, 44%, 92%
XYZ	61.2552, 65.6927, 30.5705
YIQ	208.6430, 39.7090, -20.3150

Conversions

Conversions Part 2

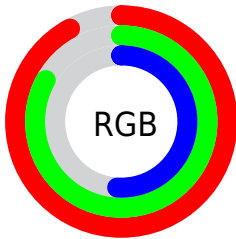
Format	Color
RYB	160, 234, 130
Decimal	15389570
CIELab	84.84, -2.76, 42.90
CIELCh	85, 42.988, 93.687
Yxy	65.6927, 0.3889, 0.4170
Android (android.graphics.Color)	4293579650 (0xFFEAD382)
YUV	208.6430, -38.7710, 22.2381
Hunter-Lab	81.0510, -6.9360, 34.3730

Details

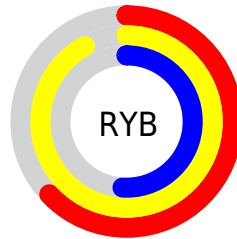
The XYZ color **61.2552, 65.6927, 30.5705** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.4480, 33.4676, 82.4332**, and the grayscale version is **60.5996, 63.7554, 69.4297**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **31.3727, 33.9086, 12.2886** is the 20% darker color. If you saturate the color by 10%, you get **58.5956, 62.6076, 22.7966**, and if you desaturate by 10%, it is **64.3166, 69.0095, 40.2418**.

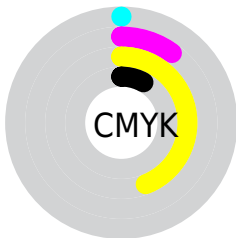
Distribution



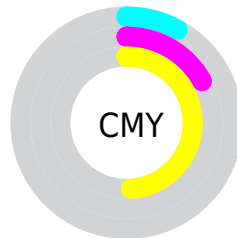
- Red (92%)
- Green (83%)
- Blue (51%)



- Red (63%)
- Yellow (92%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (44%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2552, 65.6927, 30.5705 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 61.2552, 65.6927, 30.5705 by changing the saturation by 10% instead.

61.2552, 65.6927,
30.5705

61.2552, 65.6927,
30.5705

418.9701,
445.2771, 318.8444

44.6845, 48.0230,
20.0163

105.7444,
113.0452, 61.6349

31.4092, 33.8451,
12.2227

134.3936,
143.4967, 82.9821

21.0640, 22.7746,
6.7712

167.7996,
178.9776, 108.7641

13.2835, 14.4272,
3.2431

206.3278,
219.8724, 139.3994

7.7024, 8.4184,
1.2201

250.3436,
266.5653, 175.3065

3.9553, 4.3638,
0.0000

300.2124,

1.6769, 1.8791,

319.4408, 216.9041

0.0000

356.2994,
378.8832, 264.6105

■ 0.4417, 0.5358,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2552, 65.6927,
30.5705

■ 61.2552, 65.6927,
30.5705

■ 58.5956, 62.6076,
22.7966

■ 64.3166, 69.0095,
40.2418

■ 56.3080, 59.7345,
16.7868


■ 67.7976, 72.5586,
51.9236


■ 54.3660, 57.0646,
12.3968


■ 71.7205, 76.3518,
65.7248


■ 52.7372, 54.5843,
9.4577


■ 76.1047, 80.3976,
81.7455


 51.3821, 52.2771,
7.7632


 80.9683, 84.7036,
100.0793

 50.7135, 51.0562,
7.1819

 83.7480, 88.2453,
107.2268

 85.3102, 91.3696,
107.7475

 86.9163, 94.5818,
108.2829

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



71.0165, 65.6927, 33.7305



61.2552, 65.6927, 30.5705



52.7167, 65.6927, 35.8400

Triad

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



61.2552, 65.6927, 30.5705



48.2575, 65.6927, 105.1772



80.5613, 65.6927, 97.7193

Complementary

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



61.2552, 65.6927, 30.5705



35.4480, 33.4676, 82.4332

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.



73.2885, 65.6927, 125.3823



61.2552, 65.6927, 30.5705



54.5815, 65.6927, 130.4080

Square

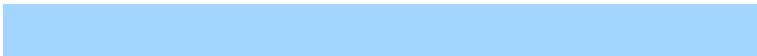
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2552, 65.6927, 30.5705



45.7158, 65.6927, 74.9945



63.6378, 65.6927, 138.6151



82.8115, 65.6927, 68.1703

Rectangle

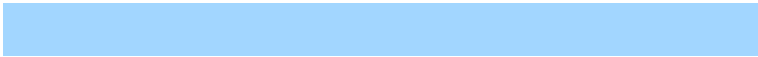
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.2552, 65.6927, 30.5705



48.6688, 65.6927, 44.4838



63.6378, 65.6927, 138.6151



78.5885, 65.6927, 107.7741

Sweetspot

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



61.2568, 65.6958, 30.5718



87.8709, 93.4583, 82.4099



47.7696, 35.8003, 35.0815



18.5678, 19.7775, 16.7763



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.



61.2568, 65.6958, 30.5718



71.5784, 76.5271, 28.7202



58.9799, 73.6173, 32.2209



16.0530, 17.0290, 15.9596



28.5957, 28.8856, 4.0683



2.3150, 2.4073, 0.3426

Inverse Universe

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



35.4480, 33.4676, 82.4332



36.6384, 32.9294, 99.0327



36.8826, 29.1486, 81.5240



14.5013, 15.0890, 19.0704



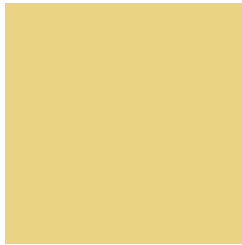
9.1054, 4.8578, 44.2007



0.7849, 0.5212, 3.4941

Previews

White Background



This preview shows how the XYZ color 61.2552, 65.6927, 30.5705 looks on a white background.

Color Contrast Check

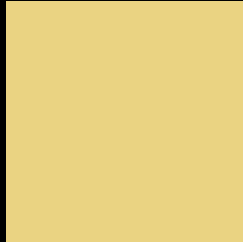
Large Text (above 18pt) WCAG AA × Fail

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 61.2552, 65.6927, 30.5705 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 61.2552, 65.6927, 30.5705

Background



This preview shows how black text looks on a background with the XYZ color 61.2552, 65.6927, 30.5705.



This preview shows how white text looks on a background with the XYZ color 61.2552, 65.6927,

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

61.2552, 65.6927, 30.5705

Protanopia

60.5277, 65.6876, 30.6079

Deuteranopia

66.9691, 65.7211, 32.0775



Tritanopia

70.2435, 65.7858, 73.9615

Trichromacy



Original Color

61.2552, 65.6927, 30.5705

Protanomaly

60.8515, 65.8545, 30.6231

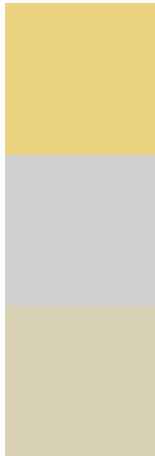
Deuteranomaly

64.6627, 65.6102, 31.4462

Tritanomaly

66.5235, 65.6907, 55.0723

Monochromacy



Original Color

61.2552, 65.6927, 30.5705

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1983, 64.2939, 52.4172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2552, 65.6927, 30.5705 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(234, 211, 130)` looks like.

```
.text, #text, p{  
    color:rgb(234, 211, 130)  
}
```

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(234, 211, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 211, 130) }
```

Border

The CSS property to change the border of an element to XYZ 61.2552, 65.6927, 30.5705 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(234, 211, 130) }
```


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

```
.border{ border-color:rgb(234, 211, 130) }
```

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

Here you see how a box with a 4 pixel rgb(234, 211, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 211, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 211, 130);  
box-shadow:4px 4px 4px 4px rgb(234, 211,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2552, 65.6927, 30.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 211, 130) }
```

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

```
.background{ background-color: rgb(234,  
211, 130) }
```

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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