

Converting Colors

XYZ(60.9815, 64.0658, 29.2569)

Have a look what the booklet for
XYZ(60.9815, 64.0658, 29.2569)
contains.

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Color

**XYZ(61.0686, 64.1625,
29.2446)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCF7F
RGB	237, 207, 127
RGB Percent	93%, 81%, 50%
CMY	0.0706, 0.1882, 0.5020
CMYK	0.00, 0.13, 0.46, 0.07
HSL	44°, 75%, 71%
HSV	44°, 46%, 93%
XYZ	61.0686, 64.1625, 29.2446
YIQ	206.8500, 43.5600, -18.5200

Conversions

Conversions Part 2

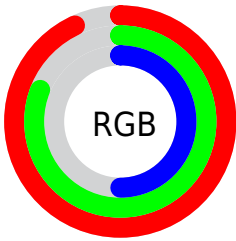
Format	Color
R_{YB}	168, 237, 127
Decimal	15585151
CIE _{Lab}	84.05, 0.20, 43.46
CIE _{LCh}	84, 43.461, 89.739
Y _{xy}	64.1625, 0.3953, 0.4154
Android (android.graphics.Color)	4293775231 (0xFFEDCF7F)
YUV	206.8500, -39.3660, 26.4416
Hunter-Lab	80.1015, -4.0910, 34.4246

Details

The XYZ color **61.0686, 64.1625, 29.2446** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.0950, 34.7390, 84.9233**, and the grayscale version is **59.4388, 62.5342, 68.0998**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **31.2861, 32.8880, 11.5365** is the 20% darker color. If you saturate the color by 10%, you get **58.1688, 60.5508, 21.5333**, and if you desaturate by 10%, it is **64.3990, 68.0537, 38.8930**.

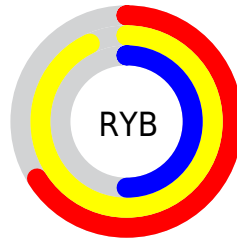
Distribution



Red (93%)

Green (81%)

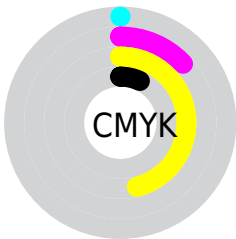
Blue (50%)



Red (66%)

Yellow (93%)

Blue (50%)

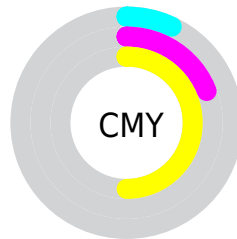


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0686, 64.1625, 29.2446 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 61.0686, 64.1625, 29.2446 by changing the saturation by 10% instead.

61.0686, 64.1625,
29.2446

61.0686, 64.1625,
29.2446

418.2974,
439.7762, 312.4643

44.5333, 46.7823,
19.0188

105.4758,
110.8449, 59.5123

31.2897, 32.8636,
11.5069

134.0784,
140.9160, 80.3912

20.9724, 22.0220,
6.2904

167.4342,
175.9860, 105.6583

13.2162, 13.8730,
2.9508

205.9084,
216.4396, 135.7320

7.6556, 8.0324,
1.0696

249.8665,
262.6610, 171.0309

3.9253, 4.1157,
0.0000

299.6738,

1.6600, 1.7385,

315.0346, 211.9736

0.0000

355.6956,
373.9449, 258.9785

■ 0.4310, 0.4484,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0686, 64.1625,
29.2446

■ 61.0686, 64.1625,
29.2446

■ 58.1688, 60.5508,
21.5333

■ 64.3990, 68.0537,
38.8930

■ 55.6682, 57.1977,
15.6189


■ 68.1792, 72.2263,
50.5979


■ 53.5383, 54.0930,
11.3481


■ 72.4332, 76.6932,
64.4735


■ 51.7442, 51.2215,
8.5405


■ 77.1813, 81.4639,
80.6245


 50.2421, 48.5643,
6.9700

 82.4428, 86.5471,
99.1487

 49.7491, 47.6529,
6.5759

 85.8639, 91.0024,
107.6474

 87.8615, 94.9977,
108.3133

 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



70.7559, 64.1625, 33.4583



61.0686, 64.1625, 29.2446



52.2881, 64.1625, 33.3112

Triad

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



61.0686, 64.1625, 29.2446



46.3352, 64.1625, 99.4655



78.3364, 64.1625, 99.9939

Complementary

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



61.0686, 64.1625, 29.2446



36.0950, 34.7390, 84.9233

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.



70.5954, 64.1625, 126.4734



61.0686, 64.1625, 29.2446



52.1569, 64.1625, 126.1163

Square

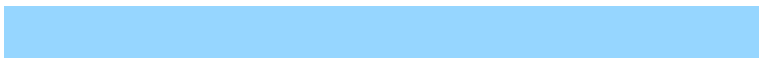
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.0686, 64.1625, 29.2446



44.3427, 64.1625, 69.6217



60.9005, 64.1625, 137.0866



81.3426, 64.1625, 70.1030

Rectangle

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



61.0686, 64.1625, 29.2446



47.9689, 64.1625, 40.9911



60.9005, 64.1625, 137.0866



76.1643, 64.1625, 109.8461

Sweetspot

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



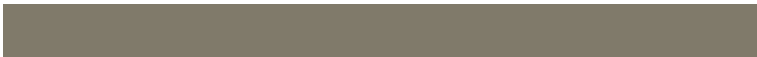
61.0702, 64.1655, 29.2459



86.7985, 91.8559, 80.3803



48.7006, 35.6582, 36.7396



18.3288, 19.4060, 16.3677



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.



61.0702, 64.1655, 29.2459



68.7476, 71.5780, 25.5802



61.6040, 76.2716, 31.5545



15.9845, 16.8920, 15.9367



27.2761, 26.2464, 3.6285



2.2211, 2.2195, 0.3113

Inverse Universe

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



36.0950, 34.7390, 84.9233



35.8464, 32.8554, 99.0602



35.6076, 27.8573, 83.6207



14.5654, 15.2173, 19.0918



9.4594, 5.5657, 44.3187



0.8206, 0.5926, 3.5060

Previews

White Background



This preview shows how the XYZ color 61.0686, 64.1625, 29.2446 looks on a white background.

Color Contrast Check

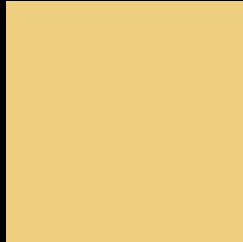
Large Text (above 18pt) WCAG AA × Fail

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 61.0686, 64.1625, 29.2446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

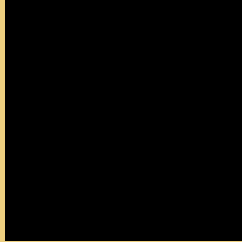
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0686, 64.1625, 29.2446

Background



This preview shows how black text looks on a background with the XYZ color 61.0686, 64.1625, 29.2446.



This preview shows how white text looks on a background with the XYZ color 61.0686, 64.1625,

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

61.0686, 64.1625, 29.2446

Protanopia

59.2560, 64.3097, 29.7120

Deuteranopia

65.4236, 63.9379, 29.3151



Tritanopia

69.5061, 64.0984, 70.9962

Trichromacy



Original Color

61.0686, 64.1625, 29.2446

Protanomaly

59.9755, 64.3152, 29.6751

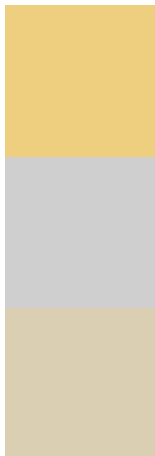
Deuteranomaly

63.9636, 64.2268, 29.4478

Tritanomaly

65.8451, 63.9867, 52.5963

Monochromacy



Original Color

61.0686, 64.1625, 29.2446

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2621, 62.7454, 51.1071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0686, 64.1625, 29.2446 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(237, 207, 127)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 127)  
}
```

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(237, 207, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 127) }
```

Border

The CSS property to change the border of an element to XYZ 61.0686, 64.1625, 29.2446 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(237, 207, 127) }
```


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

```
.border{ border-color:rgb(237, 207, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 207, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 127);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0686, 64.1625, 29.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 207, 127) }
```

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

```
.background{ background-color: rgb(237,  
207, 127) }
```

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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