

Converting Colors

XYZ(60.4173, 64.0222, 24.8959)

Have a look what the booklet for
XYZ(60.4173, 64.0222, 24.8959)
contains.

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Color

**XYZ(60.2185, 63.8224,
24.7679)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCF71
RGB	237, 207, 113
RGB Percent	93%, 81%, 44%
CMY	0.0706, 0.1882, 0.5569
CMYK	0.00, 0.13, 0.52, 0.07
HSL	45°, 77%, 69%
HSV	45°, 52%, 93%
XYZ	60.2185, 63.8224, 24.7679
YIQ	205.2540, 48.0540, -22.8740

Conversions

Conversions Part 2

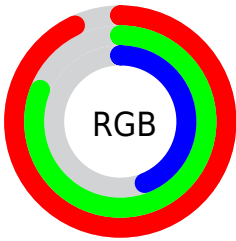
Format	Color
RYB	153, 237, 113
Decimal	15585137
CIELab	83.87, -1.05, 50.11
CIELCh	84, 50.118, 91.200
Yxy	63.8224, 0.4047, 0.4289
Android (android.graphics.Color)	4293775217 (0xFFEDCF71)
YUV	205.2540, -45.4812, 27.8412
Hunter-Lab	79.8889, -5.2563, 37.5406

Details

The XYZ color **60.2185, 63.8224, 24.7679** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.9183, 29.2691, 84.0877**, and the grayscale version is **58.4506, 61.4946, 66.9676**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **30.8239, 32.7031, 9.1026** is the 20% darker color. If you saturate the color by 10%, you get **57.6913, 60.6317, 18.1804**, and if you desaturate by 10%, it is **63.1476, 67.2593, 33.2094**.

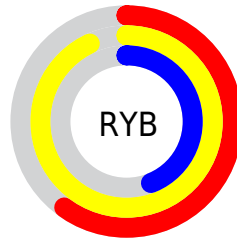
Distribution



Red (93%)

Green (81%)

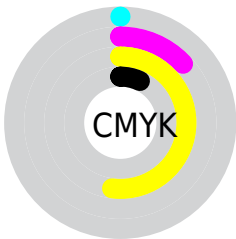
Blue (44%)



Red (60%)

Yellow (93%)

Blue (44%)

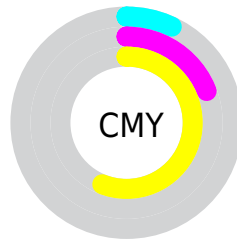


Cyan (0%)

Magenta (13%)

Yellow (52%)

Black (7%)



Cyan (7%)

Magenta (19%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2185, 63.8224, 24.7679 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 60.2185, 63.8224, 24.7679 by changing the saturation by 10% instead.

60.2185, 63.8224,
24.7679

60.2185, 63.8224,
24.7679

415.2245,
438.5480, 290.0907

43.8449, 46.5068,
15.6868

104.2511,
110.3551, 52.2399

30.7460, 32.6460,
9.1508

132.6408,
140.3411, 71.4678

20.5564, 21.8554,
4.7415

165.7667,
175.3193, 94.9151

12.9107, 13.7507,
2.0404

203.9939,
215.6742, 123.0003

7.4437, 7.9475,
0.5799

247.6880,
261.7901, 156.1419

3.7899, 4.0613,
0.0000

297.2142,

1.5840, 1.7079,

314.0514, 194.7584

0.0000

352.9379,
372.8426, 239.2685

■ 0.3819, 0.4288,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2185, 63.8224,
24.7679

■ 60.2185, 63.8224,
24.7679

■ 57.6913, 60.6317,
18.1804

■ 63.1476, 67.2593,
33.2094

■ 55.5331, 57.6661,
13.2968


■ 66.4993, 70.9444,
43.6314


■ 53.7130, 54.9147,
9.9500


■ 70.2980, 74.8907,
56.1541


■ 52.1919, 52.3610,
7.9369


■ 74.5651, 79.1075,
70.8865


 51.1801, 50.5147,
7.0528

 79.3203, 83.6034,
87.9304

 84.5495, 88.3737,
107.2093

 86.2771, 91.8288,
107.7852

 88.0586, 95.3918,
108.3790

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



71.4512, 63.8224, 28.7281



60.2185, 63.8224, 24.7679



50.3344, 63.8224, 29.4394

Triad

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



60.2185, 63.8224, 24.7679



44.2836, 63.8224, 105.9023



81.1861, 63.8224, 103.0133

Complementary

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



60.2185, 63.8224, 24.7679



31.9183, 29.2691, 84.0877

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.



72.3120, 63.8224, 135.3864



60.2185, 63.8224, 24.7679



51.0163, 63.8224, 137.3790

Square

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



60.2185, 63.8224, 24.7679



41.8489, 63.8224, 70.7707



61.1062, 63.8224, 149.5211



84.4047, 63.8224, 68.2283

Rectangle

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



60.2185, 63.8224, 24.7679



45.6023, 63.8224, 37.9837



61.1062, 63.8224, 149.5211



78.7166, 63.8224, 114.8677

Sweetspot

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



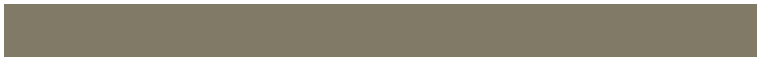
60.2200, 63.8254, 24.7692



86.0952, 91.5093, 76.8777



45.8645, 31.8290, 30.1126



18.2045, 19.3662, 15.6830



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.



60.2200, 63.8254, 24.7692



67.8680, 71.2583, 20.8494



58.7186, 74.8823, 26.9825



16.0253, 16.9737, 15.9503



28.0499, 27.7940, 3.8864



2.2763, 2.3300, 0.3298

Inverse Universe

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



31.9183, 29.2691, 84.0877



31.1183, 26.4507, 98.0731



32.6934, 23.8547, 83.0018



14.5271, 15.1406, 19.0790



9.2386, 5.1243, 44.2451



0.7987, 0.5488, 3.4987

Previews

White Background



This preview shows how the XYZ color 60.2185, 63.8224, 24.7679 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 60.2185, 63.8224, 24.7679 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 60.2185, 63.8224, 24.7679

Background



This preview shows how black text looks on a background with the XYZ color 60.2185, 63.8224, 24.7679.



This preview shows how white text looks on a background with the XYZ color 60.2185, 63.8224,

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

60.2185, 63.8224, 24.7679

Protanopia

58.4709, 63.6388, 25.1214

Deuteranopia

65.1052, 63.8529, 25.7231



Tritanopia

69.5038, 63.7758, 70.2747

Trichromacy



Original Color

60.2185, 63.8224, 24.7679

Protanomaly

59.1974, 63.6503, 25.0853

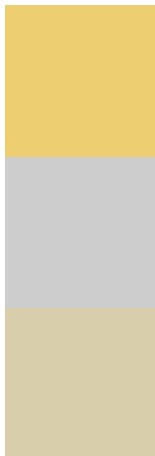
Deuteranomaly

63.2197, 63.9293, 25.5305

Tritanomaly

65.3543, 63.4584, 49.3616

Monochromacy



Original Color

60.2185, 63.8224, 24.7679

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1330, 61.8729, 47.9085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2185, 63.8224, 24.7679 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(237, 207, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 207, 113) }
```

Border

The CSS property to change the border of an element to XYZ 60.2185, 63.8224, 24.7679 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, 113) }
```


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

```
.border{ border-color:rgb(237, 207, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 207, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 207, 113);  
box-shadow:4px 4px 4px 4px rgb(237, 207,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2185, 63.8224, 24.7679 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, 113) }
```

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

```
.background{ background-color: rgb(237,  
207, 113) }
```

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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