

Converting Colors

XYZ(63.0894, 66.4297, 30.4509)

Have a look what the booklet for
XYZ(63.0894, 66.4297, 30.4509)
contains.

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Color

**XYZ(63.0110, 66.2302,
30.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D282
RGB	240, 210, 130
RGB Percent	94%, 82%, 51%
CMY	0.0588, 0.1764, 0.4902
CMYK	0.00, 0.12, 0.46, 0.06
HSL	44°, 79%, 73%
HSV	44°, 46%, 94%
XYZ	63.0110, 66.2302, 30.5818
YIQ	209.8500, 43.5600, -18.5200

Conversions

Conversions Part 2

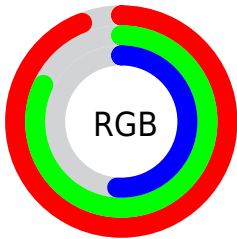
Format	Color
RYB	171, 240, 130
Decimal	15782530
CIELab	85.11, 0.14, 43.36
CIELCh	85, 43.356, 89.813
Yxy	66.2302, 0.3943, 0.4144
Android (android.graphics.Color)	4293972610 (0xFFFF0D282)
YUV	209.8500, -39.3660, 26.4416
Hunter-Lab	81.3819, -4.2125, 34.6873

Details

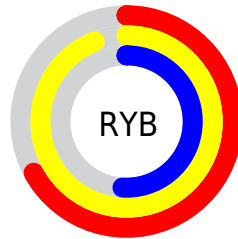
The XYZ color **63.0110, 66.2302, 30.5818** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **37.5044, 36.1773, 87.4439**, and the grayscale version is **61.3917, 64.5888, 70.3372**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **32.5912, 34.2865, 12.2974** is the 20% darker color. If you saturate the color by 10%, you get **60.0019, 62.4964, 22.5369**, and if you desaturate by 10%, it is **66.4651, 70.2527, 40.6299**.

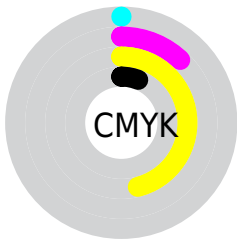
Distribution



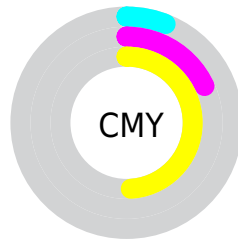
- Red (94%)
- Green (82%)
- Blue (51%)



- Red (67%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0110, 66.2302, 30.5818 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 63.0110, 66.2302, 30.5818 by changing the saturation by 10% instead.

63.0110, 66.2302,
30.5818

63.0110, 66.2302,
30.5818

425.2684,
447.1997, 318.8983

46.1088, 48.4593,
20.0248

108.2671,
113.8167, 61.6529

32.5367, 34.1908,
12.2288

137.3517,
144.4010, 83.0041

21.9293, 23.0402,
6.7753

171.2278,
180.0253, 108.7904

13.9212, 14.6232,
3.2457

210.2608,
221.0739, 139.4305

8.1472, 8.5554,
1.2214

254.8160,
267.9313, 175.3427

4.2419, 4.4523,
0.0000

305.2588,

1.8399, 1.9297,

320.9818, 216.9458

0.0000

361.9545,
380.6098, 264.6581

■ 0.5415, 0.5661,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0110, 66.2302,
30.5818

■ 63.0110, 66.2302,
30.5818

■ 60.0019, 62.4964,
22.5369

■ 66.4651, 70.2527,
40.6299

■ 57.4058, 59.0298,
16.3514


■ 70.3841, 74.5656,
52.8037


■ 55.1934, 55.8199,
11.8686


■ 74.7923, 79.1823,
67.2203

■ 53.3290, 52.8511,
8.9041

■ 79.7109, 84.1125,
83.9873

 51.7685, 50.1044,
7.2299

 85.1596, 89.3653,
103.2051

 51.1792, 49.0135,
6.7631

 87.9445, 93.6642,
108.0516

 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



72.8764, 66.2302, 34.8876



63.0110, 66.2302, 30.5818



54.0639, 66.2302, 34.7798

Triad

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



63.0110, 66.2302, 30.5818



48.0161, 66.2302, 102.3071



80.6252, 66.2302, 102.6906

Complementary

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



63.0110, 66.2302, 30.5818



37.5044, 36.1773, 87.4439

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.



72.7596, 66.2302, 129.5935



63.0110, 66.2302, 30.5818



53.9682, 66.2302, 129.3348

Square

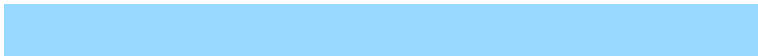
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0110, 66.2302, 30.5818



45.9702, 66.2302, 71.9384



62.8887, 66.2302, 140.4062



83.6671, 66.2302, 72.2887

Rectangle

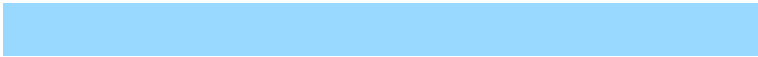
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0110, 66.2302, 30.5818



49.6609, 66.2302, 42.6688



62.8887, 66.2302, 140.4062



78.4201, 66.2302, 112.7011

Sweetspot

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



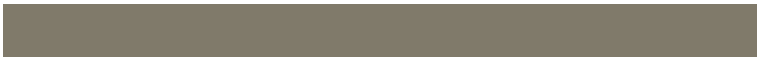
63.0126, 66.2333, 30.5831



86.7986, 91.8559, 80.3803



50.3658, 37.0702, 38.2968



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.



63.0126, 66.2333, 30.5831



69.0706, 71.9930, 26.4000



63.5576, 78.5560, 32.9329



16.7372, 17.6876, 16.6816



28.1328, 27.0636, 3.7410



2.4226, 2.4159, 0.3386

Inverse Universe

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



37.5044, 36.1773, 87.4439



36.4774, 33.6278, 99.1760



37.0061, 29.1110, 86.1062



15.2480, 15.9300, 19.9928



9.7531, 5.7305, 45.7199



0.8913, 0.6366, 3.8301

Previews

White Background



This preview shows how the XYZ color 63.0110, 66.2302, 30.5818 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 63.0110, 66.2302, 30.5818 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 63.0110, 66.2302, 30.5818

Background



This preview shows how black text looks on a background with the XYZ color 63.0110, 66.2302, 30.5818.



This preview shows how white text looks on a background with the XYZ color 63.0110, 66.2302,

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

63.0110, 66.2302, 30.5818

Protanopia

61.1697, 66.3830, 31.0619

Deuteranopia

67.4203, 66.2807, 33.2848



Tritanopia

71.6314, 66.1713, 73.2869

Trichromacy



Original Color

63.0110, 66.2302, 30.5818

Protanomaly

61.9012, 66.3878, 31.0243

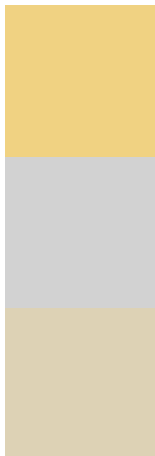
Deuteranomaly

65.8688, 66.2159, 32.2310

Tritanomaly

67.9008, 66.0589, 54.5193

Monochromacy



Original Color

63.0110, 66.2302, 30.5818

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2059, 64.8015, 52.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0110, 66.2302, 30.5818 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(240, 210, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 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(240, 210, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 130) }
```

Border

The CSS property to change the border of an element to XYZ 63.0110, 66.2302, 30.5818 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(240, 210, 130) }
```


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

```
.border{ border-color:rgb(240, 210, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 210, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 130);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0110, 66.2302, 30.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 130) }
```

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

```
.background{ background-color: rgb(240,  
210, 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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