

Converting Colors

XYZ(63.7261, 68.8891, 24.9672)

Have a look what the booklet for
XYZ(63.7261, 68.8891, 24.9672)
contains.

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Color

**XYZ(63.7007, 68.9602,
24.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D86F
RGB	241, 216, 111
RGB Percent	95%, 85%, 44%
CMY	0.0549, 0.1529, 0.5647
CMYK	0.00, 0.10, 0.54, 0.05
HSL	48°, 82%, 69%
HSV	48°, 54%, 95%
XYZ	63.7007, 68.9602, 24.9922
YIQ	211.5050, 48.6050, -27.3550

Conversions

Conversions Part 2

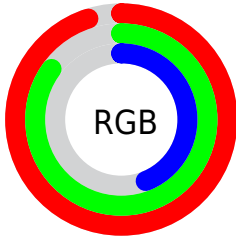
Format	Color
R _Y B	142, 241, 111
Decimal	15849583
CIE Lab	86.48, -4.18, 54.24
CIE LCh	86, 54.403, 94.409
Yxy	68.9602, 0.4041, 0.4374
Android (android.graphics.Color)	4294039663 (0xFFFF1D86F)
YUV	211.5050, -49.5490, 25.8671
Hunter-Lab	83.0423, -8.3989, 40.2858

Details

The XYZ color **63.7007, 68.9602, 24.9922** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.2366, 27.3377, 86.8490**, and the grayscale version is **62.5479, 65.8053, 71.6619**.

A 20% lighter version of the original color is **83.7915, 95.4966, 49.6137**, and **32.8000, 35.7403, 9.1728** is the 20% darker color. If you saturate the color by 10%, you get **61.3788, 66.1613, 18.5315**, and if you desaturate by 10%, it is **66.4173, 71.9758, 33.3518**.

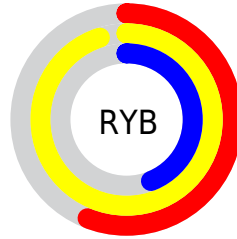
Distribution



Red (95%)

Green (85%)

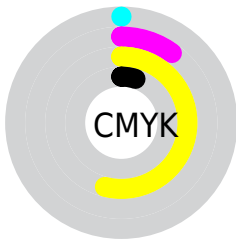
Blue (44%)



Red (56%)

Yellow (95%)

Blue (44%)

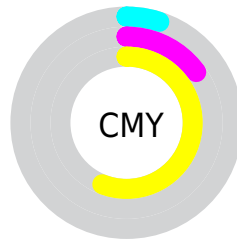


Cyan (0%)

Magenta (10%)

Yellow (54%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7007, 68.9602, 24.9922 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 63.7007, 68.9602, 24.9922 by changing the saturation by 10% instead.

63.7007, 68.9602,
24.9922

63.7007, 68.9602,
24.9922

427.7274,
456.8906, 291.2455

46.6691, 50.6793,
15.8523

109.2559,
117.7247, 52.6085

32.9810, 35.9534,
9.2665

138.5102,
148.9771, 71.9220

22.2710, 24.3982,
4.8162

172.5695,
185.3222, 95.4638

14.1739, 15.6293,
2.0830

211.7991,
227.1442, 123.6524

8.3242, 9.2622,
0.6056

256.5643,
274.8277, 156.9063

4.3567, 4.9126,
0.0000

307.2305,

1.9058, 2.1961,

328.7570, 195.6441

0.0000

364.1631,
389.3165, 240.2843

■ 0.5802, 0.7179,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7007, 68.9602,
24.9922

■ 63.7007, 68.9602,
24.9922

■ 61.3788, 66.1613,
18.5315

■ 66.4173, 71.9758,
33.3518

■ 59.4169, 63.5569,
13.8099


■ 69.5502, 75.2092,
43.7444


■ 57.7822, 61.1360,
10.6488


■ 73.1251, 78.6739,
56.2967


■ 56.4326, 58.8815,
8.8282


■ 77.1641, 82.3791,
71.1238


 55.7156, 57.5809,
8.1777

 81.6877, 86.3333,
88.3327

 86.6181, 90.5060,
107.5119

 88.0284, 93.3266,
107.9820

 89.4740, 96.2179,
108.4639

 90.0854, 97.4407,
108.6677

Harmonies

Analogous

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



76.5712, 68.9602, 28.2972



63.7007, 68.9602, 24.9922



52.7904, 68.9602, 31.1708

Triad

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



63.7007, 68.9602, 24.9922



47.5267, 68.9602, 121.4912



89.9010, 68.9602, 109.2041

Complementary

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



63.7007, 68.9602, 24.9922



31.2366, 27.3377, 86.8490

Split Complementary

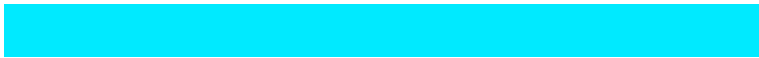
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.2035, 68.9602, 148.0700



63.7007, 68.9602, 24.9922



55.6309, 68.9602, 156.6126

Square

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



63.7007, 68.9602, 24.9922



44.2433, 68.9602, 80.5442



67.4237, 68.9602, 167.6335



92.7754, 68.9602, 69.8800

Rectangle

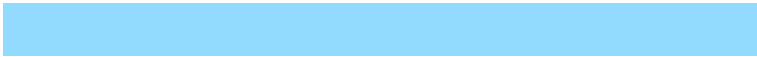
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7007, 68.9602, 24.9922



47.7585, 68.9602, 41.5227



67.4237, 68.9602, 167.6335



87.2750, 68.9602, 123.1148

Sweetspot

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



63.7023, 68.9634, 24.9936



86.7116, 92.7421, 77.0832



46.4757, 31.8764, 27.3710



18.3525, 19.6622, 15.7324



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.



63.7023, 68.9634, 24.9936



69.4769, 74.8319, 20.2885



58.6818, 76.6146, 26.7350



16.8496, 17.9123, 16.7191



30.3087, 31.4154, 4.4663



2.5869, 2.7445, 0.3934

Inverse Universe

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



31.2366, 27.3377, 86.8490



29.0455, 23.0594, 97.5278



34.1399, 24.2046, 86.0912



15.1432, 15.7205, 19.9578



9.2197, 4.6637, 45.5421



0.8335, 0.5210, 3.8108

Previews

White Background



This preview shows how the XYZ color 63.7007, 68.9602, 24.9922 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 63.7007, 68.9602, 24.9922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

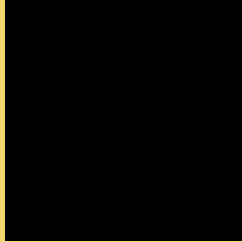
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7007, 68.9602, 24.9922

Background



This preview shows how black text looks on a background with the XYZ color 63.7007, 68.9602, 24.9922.

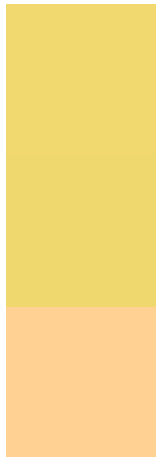


This preview shows how white text looks on a background with the XYZ color 63.7007, 68.9602,

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

63.7007, 68.9602, 24.9922

Protanopia

63.2787, 69.1241, 25.0461

Deuteranopia

69.2288, 68.9363, 36.8514



Tritanopia

74.2948, 68.8623, 77.0861

Trichromacy



Original Color

63.7007, 68.9602, 24.9922

Protanomaly

63.6173, 69.2987, 25.0619

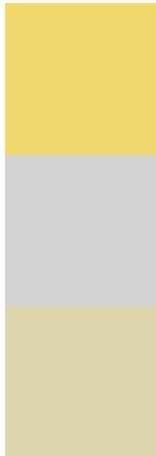
Deuteranomaly

67.2015, 69.1044, 31.9869

Tritanomaly

69.1519, 68.1812, 52.6956

Monochromacy



Original Color

63.7007, 68.9602, 24.9922

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9635, 66.3716, 50.1026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7007, 68.9602, 24.9922 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(241, 216, 111)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 111)  
}
```

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(241, 216, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 111) }
```

Border

The CSS property to change the border of an element to XYZ 63.7007, 68.9602, 24.9922 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(241, 216, 111) }
```


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

```
.border{ border-color:rgb(241, 216, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 216, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 216, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 216, 111); box-shadow:4px 4px 4px 4px rgb(241, 216, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7007, 68.9602, 24.9922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 216, 111) }
```

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

```
.background{ background-color: rgb(241,  
216, 111) }
```

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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