

Converting Colors

XYZ(66.3052, 72.1225, 30.5050)

Have a look what the booklet for
XYZ(66.3052, 72.1225, 30.5050)
contains.

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Color

**XYZ(66.3052, 72.1225,
30.5050)**

Conversions

Conversions Part 1

Format	Color
Hex	F2DD7F
RGB	242, 221, 127
RGB Percent	95%, 87%, 50%
CMY	0.0510, 0.1333, 0.5020
CMYK	0.00, 0.09, 0.48, 0.05
HSL	49°, 82%, 72%
HSV	49°, 48%, 95%
XYZ	66.3052, 72.1225, 30.5050
YIQ	216.5630, 42.6900, -24.7820

Conversions

Conversions Part 2

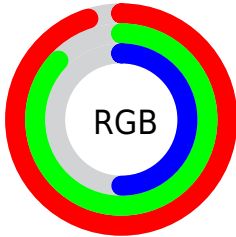
Format	Color
R _Y B	153, 242, 127
Decimal	15916415
CIE Lab	88.03, -4.95, 48.49
CIE LCh	88, 48.742, 95.828
Yxy	72.1225, 0.3925, 0.4269
Android (android.graphics.Color)	4294106495 (0xFFFF2DD7F)
YUV	216.5630, -44.1546, 22.3082
Hunter-Lab	84.9250, -9.2547, 38.1505

Details

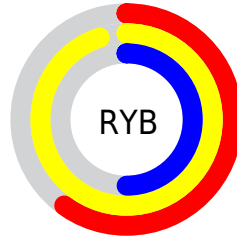
The XYZ color **66.3052, 72.1225, 30.5050** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.3690, 32.1015, 88.3363**, and the grayscale version is **65.9278, 69.3612, 75.5344**.

A 20% lighter version of the original color is **85.3405, 96.1162, 57.7704**, and **34.6734, 37.9708, 12.1582** is the 20% darker color. If you saturate the color by 10%, you get **63.7631, 69.2664, 22.7891**, and if you desaturate by 10%, it is **69.2603, 75.1983, 40.2288**.

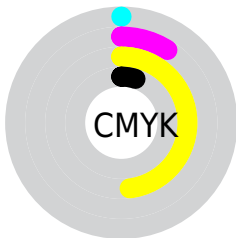
Distribution



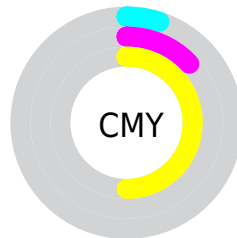
- Red (95%)
- Green (87%)
- Blue (50%)



- Red (60%)
- Yellow (95%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (48%)
- Black (5%)



- Cyan (5%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3052, 72.1225, 30.5050 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 66.3052, 72.1225, 30.5050 by changing the saturation by 10% instead.

66.3052, 72.1225,
30.5050

66.3052, 72.1225,
30.5050

436.9390,
467.9679, 318.5316

48.7888, 53.2588,
19.9669

112.9796,
122.2307, 61.5303

34.6658, 38.0094,
12.1872

142.8683,
154.2439, 82.8546

23.5709, 25.9900,
6.7472

177.6118,
191.4091, 108.6114

15.1386, 16.8161,
3.2285

217.5755,
234.1106, 139.2192

9.0037, 10.1035,
1.2124

263.1247,
282.7328, 175.0966

4.8007, 5.4676,
0.0000

314.6248,

2.1644, 2.5242,

337.6602, 216.6621

0.0000

372.4411,
399.2771, 264.3343

■ 0.7239, 0.8887,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3052, 72.1225,
30.5050

■ 66.3052, 72.1225,
30.5050

■ 63.7631, 69.2664,
22.7891

■ 69.2603, 75.1983,
40.2288

■ 61.6009, 66.6083,
16.9315


■ 72.6482, 78.4940,
52.0869

■ 59.7889, 64.1387,
12.7686


■ 76.4937, 82.0225,
66.2006


■ 58.2900, 61.8423,
10.1064

■ 80.8179, 85.7928,
82.6807


 57.0551, 59.6991,
8.6883

 85.6407, 89.8131,
101.6308

 56.7712, 59.1838,
8.4314

 88.0859, 92.9332,
107.9030

 89.4567, 95.6749,
108.3600

 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



78.1175, 72.1225, 33.4046



66.3052, 72.1225, 30.5050



56.2797, 72.1225, 37.2183

Triad

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



66.3052, 72.1225, 30.5050



51.9760, 72.1225, 122.2827



91.0345, 72.1225, 107.7701

Complementary

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



66.3052, 72.1225, 30.5050



35.3690, 32.1015, 88.3363

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.



82.4861, 72.1225, 142.7141



66.3052, 72.1225, 30.5050



59.7980, 72.1225, 152.6164

Square

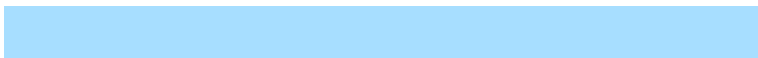
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3052, 72.1225, 30.5050



48.6293, 72.1225, 85.2114



70.8455, 72.1225, 160.9916



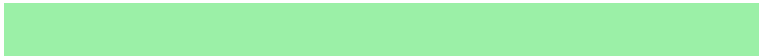
93.2812, 72.1225, 72.2057

Rectangle

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



66.3052, 72.1225, 30.5050



51.6684, 72.1225, 47.7789



70.8455, 72.1225, 160.9916



88.7589, 72.1225, 120.2572

Sweetspot

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



66.3069, 72.1259, 30.5065



87.7817, 93.8223, 80.7080



49.5596, 36.1974, 32.4271



18.5700, 19.8885, 16.4481



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.



66.3069, 72.1259, 30.5065



71.9071, 78.1215, 25.9412



60.9212, 78.0989, 31.9432



16.8632, 17.9396, 16.7236



30.5910, 31.9801, 4.5605



2.6080, 2.7866, 0.4004

Inverse Universe

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



35.3690, 32.1015, 88.3363



33.2671, 28.1729, 98.2923



38.8067, 29.4210, 87.6377



15.1306, 15.6954, 19.9537



9.1682, 4.5606, 45.5249



0.8274, 0.5088, 3.8088

Previews

White Background



This preview shows how the XYZ color 66.3052, 72.1225, 30.5050 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 66.3052, 72.1225, 30.5050 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 66.3052, 72.1225, 30.5050

Background



This preview shows how black text looks on a background with the XYZ color 66.3052, 72.1225, 30.5050.



This preview shows how white text looks on a background with the XYZ color 66.3052, 72.1225,

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

66.3052, 72.1225, 30.5050

Protanopia

66.3052, 72.1225, 30.5050

Deuteranopia

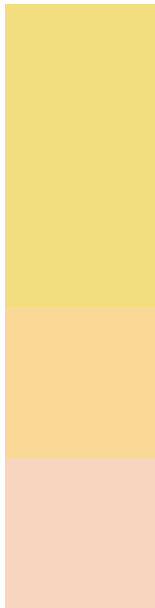
71.9874, 72.0335, 45.2317



Tritanopia

76.6728, 71.7874, 81.7668

Trichromacy



Original Color

66.3052, 72.1225, 30.5050

Protanomaly

66.3052, 72.1225, 30.5050

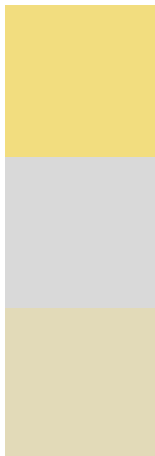
Deuteranomaly

69.8231, 72.1841, 39.5310

Tritanomaly

71.7999, 71.2627, 58.6860

Monochromacy



Original Color

66.3052, 72.1225, 30.5050

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.0872, 69.7723, 55.3843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3052, 72.1225, 30.5050 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(242, 221, 127)` looks like.

```
.text, #text, p{  
    color:rgb(242, 221, 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(242, 221, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 221, 127) }
```

Border

The CSS property to change the border of an element to XYZ 66.3052, 72.1225, 30.5050 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(242, 221, 127) }
```


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

```
.border{ border-color:rgb(242, 221, 127) }
```

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

Here you see how a box with a 4 pixel rgb(242, 221, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 221, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 221, 127);  
box-shadow:4px 4px 4px 4px rgb(242, 221,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3052, 72.1225, 30.5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 221, 127) }
```

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

```
.background{ background-color: rgb(242,  
221, 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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