

Converting Colors

XYZ(66.4832, 66.6089, 26.1830)

Have a look what the booklet for
XYZ(66.4832, 66.6089, 26.1830)
contains.

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Color

**XYZ(66.5222, 66.6870,
26.1954)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCE75
RGB	255, 206, 117
RGB Percent	100%, 81%, 46%
CMY	0.0000, 0.1921, 0.5412
CMYK	0.00, 0.19, 0.54, 0.00
HSL	39°, 100%, 73%
HSV	39°, 54%, 100%
XYZ	66.5222, 66.6870, 26.1954
YIQ	210.5050, 57.7730, -17.2910

Conversions

Conversions Part 2

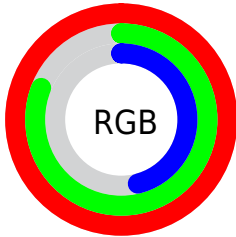
Format	Color
R _Y B	193, 255, 117
Decimal	16764533
CIE Lab	85.35, 7.09, 50.34
CIE LCh	85, 50.841, 81.980
Yxy	66.6870, 0.4173, 0.4184
Android (android.graphics.Color)	4294954613 (0xFFFFCE75)
YUV	210.5050, -46.0980, 39.0221
Hunter-Lab	81.6621, 2.4979, 38.1446

Details

The XYZ color **66.5222, 66.6870, 26.1954** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.0217, 38.2728, 99.9380**, and the grayscale version is **61.8594, 65.0809, 70.8731**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **34.6880, 34.4402, 9.8204** is the 20% darker color. If you saturate the color by 10%, you get **63.1056, 61.9354, 18.6403**, and if you desaturate by 10%, it is **70.4758, 71.8595, 35.9452**.

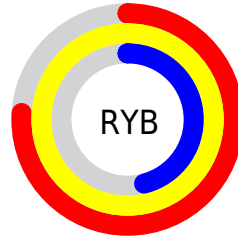
Distribution



Red (100%)

Green (81%)

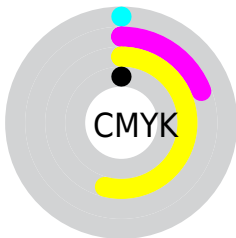
Blue (46%)



Red (76%)

Yellow (100%)

Blue (46%)

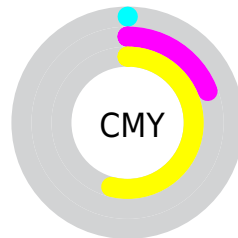


Cyan (0%)

Magenta (19%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5222, 66.6870, 26.1954 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 66.5222, 66.6870, 26.1954 by changing the saturation by 10% instead.

66.5222, 66.6870,
26.1954

66.5222, 66.6870,
26.1954

437.7014,
448.8298, 297.3759

48.9657, 48.8303,
16.7428

113.2891,
114.4718, 54.5780

34.8067, 34.4849,
9.8913

143.2302,
145.1687, 74.3450

23.6798, 23.2664,
5.2223

178.0302,
180.9144, 98.3873

15.2197, 14.7903,
2.3172

218.0545,
222.0934, 127.1233

9.0611, 8.6723,
0.7409

263.6684,
269.0901, 160.9716

4.8385, 4.5281,
0.0000

315.2373,

2.1866, 1.9731,

322.2888, 200.3508

0.0000

373.1265,
382.0739, 245.6794

■ 0.7356, 0.5918,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5222, 66.6870,
26.1954

■ 66.5222, 66.6870,
26.1954

■ 63.1056, 61.9354,
18.6403

■ 70.4758, 71.8595,
35.9452

■ 60.1852, 57.5772,
13.0961

■ 74.9940, 77.4593,
48.0455

■ 57.7209, 53.5955,
9.3554

■ 80.1076, 83.5047,
62.6423

■ 55.6622, 49.9667,
7.1629

■ 85.8438, 90.0095,
79.8686

■ 54.5991, 47.9785,
6.3831

■ 92.2278, 96.9870,
99.8478

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



78.0159, 66.6870, 33.2501



66.5222, 66.6870, 26.1954



55.4564, 66.6870, 28.2682

Triad

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



66.5222, 66.6870, 26.1954



44.9968, 66.6870, 99.0103



82.4660, 66.6870, 119.0644

Complementary

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



66.5222, 66.6870, 26.1954



39.0217, 38.2728, 99.9380

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.



72.0332, 66.6870, 148.6700



66.5222, 66.6870, 26.1954



50.7065, 66.6870, 134.8620

Square

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



66.5222, 66.6870, 26.1954



43.8981, 66.6870, 64.1217



60.3461, 66.6870, 155.1916



87.9211, 66.6870, 81.8179

Rectangle

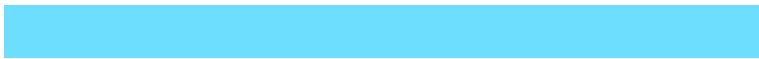
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.5222, 66.6870, 26.1954



49.7037, 66.6870, 34.9506



60.3461, 66.6870, 155.1916



79.3689, 66.6870, 130.6534

Sweetspot

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



66.5238, 66.6902, 26.1967



84.7150, 88.7490, 76.4176



54.6322, 36.7954, 41.0742



17.8739, 18.7051, 15.5728



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.



66.5238, 66.6902, 26.1967



62.8284, 61.5349, 18.0723



73.7625, 90.7398, 30.4573



18.9869, 19.9419, 18.9928



28.6754, 25.3620, 3.3840



2.8951, 2.6756, 0.3639

Inverse Universe

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



39.0217, 38.2728, 99.9380



32.7988, 30.5661, 98.7789



34.4680, 25.1275, 97.6407



17.5306, 18.4329, 22.8839



11.4925, 7.8946, 50.3527



1.2175, 0.9656, 4.9355

Previews

White Background



This preview shows how the XYZ color 66.5222, 66.6870, 26.1954 looks on a white background.

Color Contrast Check

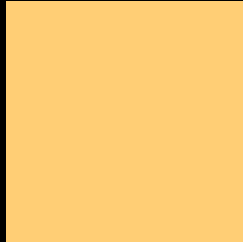
Large Text (above 18pt) WCAG AA × Fail

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 66.5222, 66.6870, 26.1954 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 66.5222, 66.6870, 26.1954

Background



This preview shows how black text looks on a background with the XYZ color 66.5222, 66.6870, 26.1954.



This preview shows how white text looks on a background with the XYZ color 66.5222, 66.6870,

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

66.5222, 66.6870, 26.1954

Protanopia

61.6977, 67.1114, 27.4713

Deuteranopia

67.5153, 66.7002, 32.6085



Tritanopia

73.4213, 66.8100, 70.6539

Trichromacy



Original Color

66.5222, 66.6870, 26.1954

Protanomaly

63.2420, 66.7977, 27.0128

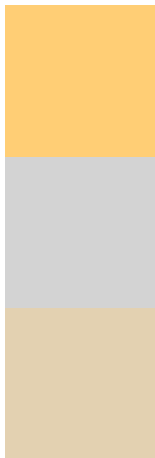
Deuteranomaly

67.0338, 66.5076, 30.0731

Tritanomaly

70.2963, 66.6754, 50.7596

Monochromacy



Original Color

66.5222, 66.6870, 26.1954

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4148, 65.1061, 50.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5222, 66.6870, 26.1954 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(255, 206, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 117)  
}
```

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(255, 206, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 117) }
```

Border

The CSS property to change the border of an element to XYZ 66.5222, 66.6870, 26.1954 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(255, 206, 117) }
```


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

```
.border{ border-color:rgb(255, 206, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5222, 66.6870, 26.1954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 117) }
```

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

```
.background{ background-color: rgb(255,  
206, 117) }
```

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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