

Converting Colors

XYZ(66.6936, 67.9871, 26.6761)

Have a look what the booklet for
XYZ(66.6936, 67.9871, 26.6761)
contains.

XYZ(66.5785, 67.7916, 26.7156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.5785, 67.7916,
26.7156)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD176
RGB	253, 209, 118
RGB Percent	99%, 82%, 46%
CMY	0.0078, 0.1804, 0.5372
CMYK	0.00, 0.17, 0.53, 0.01
HSL	40°, 97%, 73%
HSV	40°, 53%, 99%
XYZ	66.5785, 67.7916, 26.7156
YIQ	211.7820, 55.4350, -18.9730

Conversions

Conversions Part 2

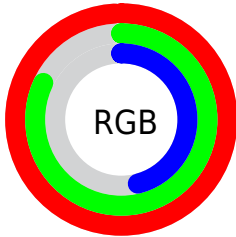
Format	Color
R _Y B	183, 253, 118
Decimal	16634230
CIE Lab	85.90, 4.82, 50.49
CIE LCh	86, 50.715, 84.546
Yxy	67.7916, 0.4133, 0.4208
Android (android.graphics.Color)	4294824310 (0xFFFD176)
YUV	211.7820, -46.2345, 36.1482
Hunter-Lab	82.3357, 0.2518, 38.3970

Details

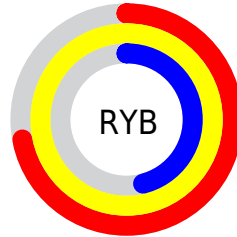
The XYZ color **66.5785, 67.7916, 26.7156** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.1207, 36.7827, 98.0187**, and the grayscale version is **62.7076, 65.9733, 71.8449**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **34.9528, 35.3054, 10.1267** is the 20% darker color. If you saturate the color by 10%, you get **63.3017, 63.3300, 19.1746**, and if you desaturate by 10%, it is **70.3665, 72.6304, 36.4173**.

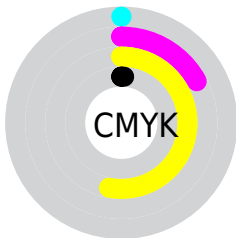
Distribution



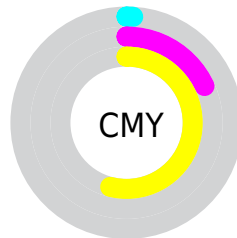
- Red (99%)
- Green (82%)
- Blue (46%)



- Red (72%)
- Yellow (99%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (53%)
- Black (1%)



- Cyan (1%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5785, 67.7916, 26.7156 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 66.5785, 67.7916, 26.7156 by changing the saturation by 10% instead.

66.5785, 67.7916,
26.7156

66.5785, 67.7916,
26.7156

437.8991,
452.7573, 299.9939

49.0116, 49.7282,
17.1292

113.3694,
116.0540, 55.4253

34.8433, 35.1975,
10.1637

143.3241,
147.0217, 75.3858

23.7081, 23.8150,
5.4006

178.1387,
183.0597, 99.6413

15.2408, 15.1965,
2.4214

218.1787,
224.5524, 128.6104

9.0760, 8.9574,
0.7980

263.8094,
271.8841, 162.7117

4.8483, 4.7134,
0.0000

315.3961,

2.1924, 2.0801,

325.4392, 202.3637

0.0000

373.3042,
385.6021, 247.9849

■ 0.7387, 0.6534,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.5785, 67.7916,
26.7156

■ 66.5785, 67.7916,
26.7156

■ 63.3017, 63.3300,
19.1746

■ 70.3665, 72.6304,
36.4173

■ 60.4965, 59.2194,
13.6158

■ 74.6916, 77.8513,
48.4310

■ 58.1247, 55.4447,
9.8386

■ 79.5836, 83.4715,
62.8987

■ 56.1382, 51.9839,
7.5974

■ 85.0686, 89.5035,
79.9500

■ 54.9862, 49.8394,
6.7219

■ 91.1707, 95.9593,
99.7053

■ 94.3178, 99.6226,
108.8657

Harmonies

Analogous

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



78.2664, 67.7916, 33.0286



66.5785, 67.7916, 26.7156



55.5995, 67.7916, 29.6005

Triad

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



66.5785, 67.7916, 26.7156



46.1895, 67.7916, 103.6794



84.3783, 67.7916, 117.4446

Complementary

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



66.5785, 67.7916, 26.7156



38.1207, 36.7827, 98.0187

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.



74.1577, 67.7916, 148.5600



66.5785, 67.7916, 26.7156



52.3355, 67.7916, 139.0847

Square

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



66.5785, 67.7916, 26.7156



44.6717, 67.7916, 67.9036



62.3358, 67.7916, 157.4801



89.3036, 67.7916, 80.0568

Rectangle

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



66.5785, 67.7916, 26.7156



50.0112, 67.7916, 36.9875



62.3358, 67.7916, 157.4801



81.3927, 67.7916, 129.3828

Sweetspot

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



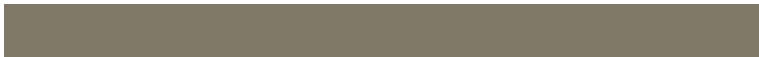
66.5801, 67.7948, 26.7170



85.0673, 89.4535, 76.5351



53.5976, 36.4845, 38.8684



17.9582, 18.8736, 15.6009



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.



66.5801, 67.7948, 26.7170



64.2405, 64.1841, 19.0824



71.1892, 88.4642, 30.4636



19.0330, 20.0342, 19.0082



29.3892, 26.7897, 3.6219



2.9611, 2.8076, 0.3858

Inverse Universe

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



38.1207, 36.7827, 98.0187



32.5666, 29.7308, 98.6299



35.1083, 25.6685, 96.0322



17.4864, 18.3443, 22.8691



11.1718, 7.2533, 50.2458



1.1824, 0.8954, 4.9238

Previews

White Background



This preview shows how the XYZ color 66.5785, 67.7916, 26.7156 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 66.5785, 67.7916, 26.7156 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 66.5785, 67.7916, 26.7156

Background



This preview shows how black text looks on a background with the XYZ color 66.5785, 67.7916, 26.7156.



This preview shows how white text looks on a background with the XYZ color 66.5785, 67.7916,

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

66.5785, 67.7916, 26.7156

Protanopia

62.2827, 67.7898, 27.5714

Deuteranopia

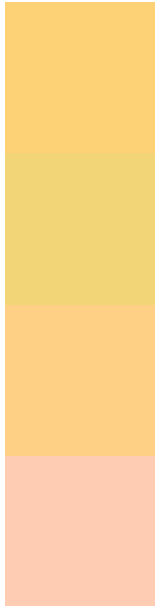
68.4353, 67.8386, 35.0784



Tritanopia

74.1369, 67.8374, 72.1373

Trichromacy



Original Color

66.5785, 67.7916, 26.7156

Protanomaly

63.7420, 67.7977, 27.1795

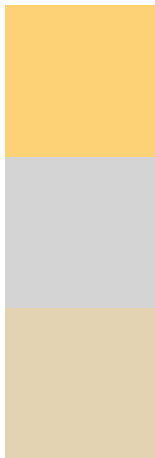
Deuteranomaly

67.6626, 67.8760, 31.7255

Tritanomaly

70.5018, 67.4709, 51.4268

Monochromacy



Original Color

66.5785, 67.7916, 26.7156

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.0087, 66.1338, 51.5637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5785, 67.7916, 26.7156 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(253, 209, 118)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 118)  
}
```

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(253, 209, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 118) }
```

Border

The CSS property to change the border of an element to XYZ 66.5785, 67.7916, 26.7156 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(253, 209, 118) }
```


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

```
.border{ border-color:rgb(253, 209, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 209, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 118);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5785, 67.7916, 26.7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 118) }
```

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

```
.background{ background-color: rgb(253,  
209, 118) }
```

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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