

Converting Colors

XYZ(65.5045, 65.5191, 26.7423)

Have a look what the booklet for
XYZ(65.5045, 65.5191, 26.7423)
contains.

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Color

**XYZ(65.4307, 65.4003,
26.6277)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDCC77</code>
RGB	253, 204, 119
RGB Percent	99%, 80%, 47%
CMY	0.0078, 0.2000, 0.5333
CMYK	0.00, 0.19, 0.53, 0.01
HSL	38°, 97%, 73%
HSV	38°, 53%, 99%
XYZ	65.4307, 65.4003, 26.6277
YIQ	208.9610, 56.4890, -16.0470

Conversions

Conversions Part 2

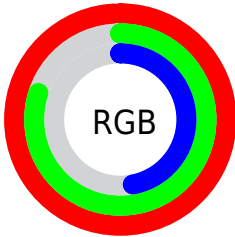
Format	Color
RYP	196, 253, 119
Decimal	16632951
CIELab	84.69, 7.48, 48.53
CIElCh	85, 49.105, 81.238
Yxy	65.4003, 0.4155, 0.4153
Android (android.graphics.Color)	4294823031 (0xFFFDCC77)
YUV	208.9610, -44.3508, 38.6222
Hunter-Lab	80.8705, 2.8976, 37.0873

Details

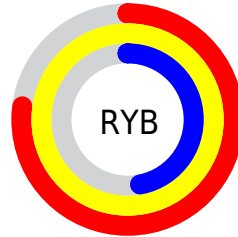
The XYZ color **65.4307, 65.4003, 26.6277** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.3395, 39.0176, 98.3860**, and the grayscale version is **60.8348, 64.0029, 69.6992**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **34.1979, 33.6994, 10.1711** is the 20% darker color. If you saturate the color by 10%, you get **61.9755, 60.6065, 18.9516**, and if you desaturate by 10%, it is **69.4240, 70.6234, 36.4795**.

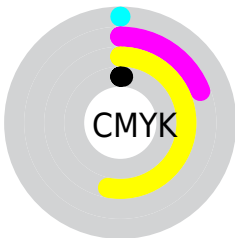
Distribution



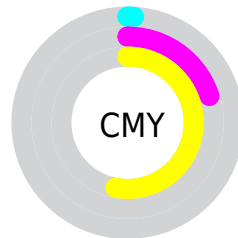
- Red (99%)
- Green (80%)
- Blue (47%)



- Red (77%)
- Yellow (99%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (53%)
- Black (1%)





- Cyan (1%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4307, 65.4003, 26.6277 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 65.4307, 65.4003, 26.6277 by changing the saturation by 10% instead.


 65.4307, 65.4003,
26.6277


 65.4307, 65.4003,
26.6277


433.8589,
444.2291, 299.5529


 48.0764, 47.7857,
17.0638


 111.7311,
112.6252, 55.2823

 34.0989, 33.6572,
10.1176


 141.4079,
143.0043, 75.2102

 23.1328, 22.6304,
5.3704

 175.9230,
178.4070, 99.4298

 14.8129, 14.3208,
2.4037

215.6416,
219.2178, 128.3597

 8.7736, 8.3442,
0.7884

260.9291,
265.8210, 162.4184

 4.6497, 4.3159,
0.0000

312.1510,

 2.0759, 1.8518,

318.6010, 202.0245

0.0000

369.6724,
377.9422, 247.5965

■ 0.6761, 0.5192,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4307, 65.4003,
26.6277

■ 65.4307, 65.4003,
26.6277

■ 61.9755, 60.6065,
18.9516

■ 69.4240, 70.6234,
36.4795

■ 59.0186, 56.2148,
13.2734

■ 73.9823, 76.2823,
48.6580

■ 56.5213, 52.2087,
9.3937

■ 79.1357, 82.3952,
63.3049

■ 54.4351, 48.5649,
7.0688

■ 84.9107, 88.9760,
80.5495

■ 53.1649, 46.1965,
6.1147

■ 91.3321, 96.0378,
100.5122

■ 94.3179, 99.6226,
108.8657

Harmonies

Analogous

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



76.3289, 65.4003, 33.7197



65.4307, 65.4003, 26.6277



54.8268, 65.4003, 28.4311

Triad

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



65.4307, 65.4003, 26.6277



44.4957, 65.4003, 95.4191



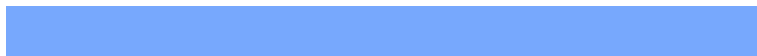
80.1077, 65.4003, 116.1377

Complementary

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



65.4307, 65.4003, 26.6277



39.3395, 39.0176, 98.3860

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.



70.1218, 65.4003, 143.6876



65.4307, 65.4003, 26.6277



49.8647, 65.4003, 129.4852

Square

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



65.4307, 65.4003, 26.6277



43.5527, 65.4003, 62.3961



59.0021, 65.4003, 149.1838



85.4331, 65.4003, 80.8167

Rectangle

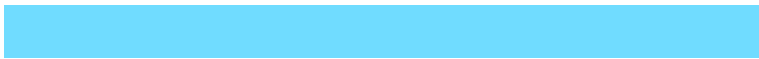
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4307, 65.4003, 26.6277



49.2640, 65.4003, 34.7500



59.0021, 65.4003, 149.1838



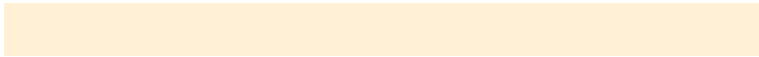
77.1328, 65.4003, 127.0001

Sweetspot

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



65.4323, 65.4034, 26.6290



84.5875, 88.4940, 76.3751



54.1855, 36.9090, 41.3799



17.8434, 18.6441, 15.5627



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.



65.4323, 65.4034, 26.6290



62.7521, 61.2073, 18.5862



72.7601, 89.2672, 30.8490



18.9701, 19.9084, 18.9872



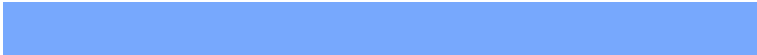
28.4256, 24.8624, 3.3007



2.8719, 2.6291, 0.3561

Inverse Universe

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



39.3395, 39.0176, 98.3860



33.5862, 31.7700, 98.9698



34.6217, 25.5933, 96.0435



17.5468, 18.4652, 22.8893



11.6171, 8.1437, 50.3942



1.2309, 0.9925, 4.9400

Previews

White Background



This preview shows how the XYZ color 65.4307, 65.4003, 26.6277 looks on a white background.

Color Contrast Check

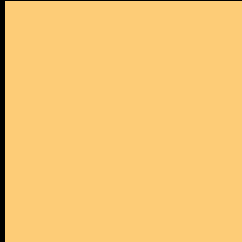
Large Text (above 18pt) WCAG AA × Fail

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 65.4307, 65.4003, 26.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

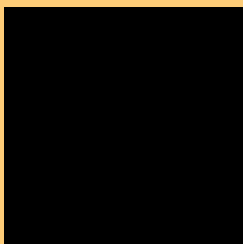
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4307, 65.4003, 26.6277

Background



This preview shows how black text looks on a background with the XYZ color 65.4307, 65.4003, 26.6277.



This preview shows how white text looks on a background with the XYZ color 65.4307, 65.4003,

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

65.4307, 65.4003, 26.6277

Protanopia

60.3350, 65.6479, 27.9037

Deuteranopia

66.5584, 65.5569, 29.9146



Tritanopia

72.4886, 65.3433, 69.1136

Trichromacy



Original Color

65.4307, 65.4003, 26.6277

Protanomaly

62.1868, 65.5067, 27.4556

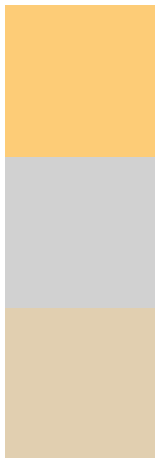
Deuteranomaly

65.9307, 65.2634, 28.5242

Tritanomaly

69.1329, 65.0523, 49.9869

Monochromacy



Original Color

65.4307, 65.4003, 26.6277

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2006, 63.7678, 50.1571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4307, 65.4003, 26.6277 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, 204, 119)` looks like.

```
.text, #text, p{  
    color:rgb(253, 204, 119)  
}
```

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, 204, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 204, 119) }
```

Border

The CSS property to change the border of an element to XYZ 65.4307, 65.4003, 26.6277 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, 204, 119) }
```


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

```
.border{ border-color:rgb(253, 204, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 204, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 204, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 204, 119);  
box-shadow:4px 4px 4px 4px rgb(253, 204,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4307, 65.4003, 26.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 204, 119) }
```

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

```
.background{ background-color: rgb(253,  
204, 119) }
```

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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