

Converting Colors

XYZ(66.1179, 63.1329, 40.2561)

Have a look what the booklet for
XYZ(66.1179, 63.1329, 40.2561)
contains.

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Color

**XYZ(66.1119, 63.0283,
40.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC59C
RGB	252, 197, 156
RGB Percent	99%, 77%, 61%
CMY	0.0118, 0.2274, 0.3882
CMYK	0.00, 0.22, 0.38, 0.01
HSL	26°, 94%, 80%
HSV	26°, 38%, 99%
XYZ	66.1119, 63.0283, 40.1337
YIQ	208.7710, 45.9410, -1.0910

Conversions

Conversions Part 2

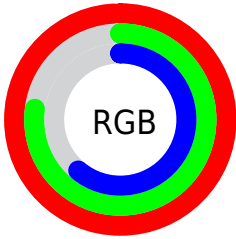
Format	Color
R _Y B	252, 228, 156
Decimal	16565660
CIE Lab	83.46, 14.32, 28.08
CIE LCh	83, 31.519, 62.981
Yxy	63.0283, 0.3906, 0.3723
Android (android.graphics.Color)	4294755740 (0xFFFC59C)
YUV	208.7710, -26.0161, 37.9118
Hunter-Lab	79.3904, 9.7118, 25.6008

Details

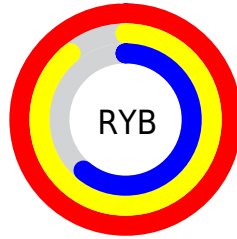
The XYZ color **66.1119, 63.0283, 40.1337** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5744, 60.6825, 100.9319**, and the grayscale version is **60.5997, 63.7556, 69.4299**.

A 20% lighter version of the original color is **88.4397, 96.8468, 75.6600**, and **34.5693, 32.1137, 17.4733** is the 20% darker color. If you saturate the color by 10%, you get **61.0732, 56.0188, 28.9962**, and if you desaturate by 10%, it is **71.9104, 70.8487, 53.7098**.

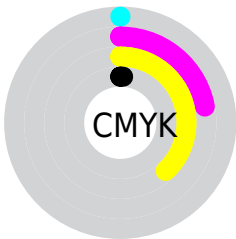
Distribution



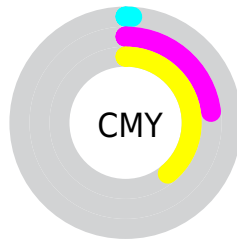
- Red (99%)
- Green (77%)
- Blue (61%)



- Red (99%)
- Yellow (89%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (38%)
- Black (1%)





- Cyan (1%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1119, 63.0283, 40.1337 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 66.1119, 63.0283, 40.1337 by changing the saturation by 10% instead.


 66.1119, 63.0283,
40.1337


 66.1119, 63.0283,
40.1337


436.2593,
435.6722, 362.2556

 48.6313, 45.8641,
27.3282


 112.7038,
109.2103, 76.6064

 34.5404, 32.1386,
17.5853


 142.5457,
138.9970, 101.1107

 23.4739, 21.4674,
10.4863


177.2388,
173.7599, 130.3516

 15.0665, 13.4661,
5.6128

217.1485,
213.8834, 164.7478

 8.9527, 7.7503,
2.5461

262.6400,
259.7520, 204.7178

 4.7672, 3.9356,
0.8645

314.0787,

 2.1447, 1.6376,

311.7501, 250.6800

0.0000

371.8300,
370.2620, 303.0531

0.7133, 0.3827,
0.0000

0.0000, 0.0000,
0.0000

66.1119, 63.0283,
40.1337

66.1119, 63.0283,
40.1337

61.0732, 56.0188,
28.9962

71.9104, 70.8487,
53.7098

56.7532, 49.7827,
20.1452

78.4977, 79.4979,
69.8561

53.1136, 44.2924,
13.4174

85.9066, 89.0046,
88.6995

50.1100, 39.5145,
8.6258

93.8754, 99.2765,
108.8223

■ 47.6909, 35.4125, 93.9549, 99.4354,
5.5501 108.8487

■ 45.7893, 31.9423,
3.8900

■ 45.4695, 31.3447,
3.6536

Harmonies

Analogous

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



71.6883, 63.0283, 50.0194



66.1119, 63.0283, 40.1337



59.2219, 63.0283, 37.3482

Triad

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



66.1119, 63.0283, 40.1337



47.6560, 63.0283, 70.6142



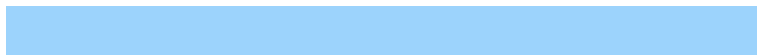
67.3912, 63.0283, 105.5174

Complementary

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



66.1119, 63.0283, 40.1337



54.5744, 60.6825, 100.9319

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.



60.5964, 63.0283, 113.7799



66.1119, 63.0283, 40.1337



49.4919, 63.0283, 91.3573

Square

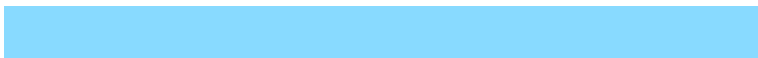
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1119, 63.0283, 40.1337



48.8893, 63.0283, 52.8314



54.1021, 63.0283, 108.1611



72.4657, 63.0283, 87.2937

Rectangle

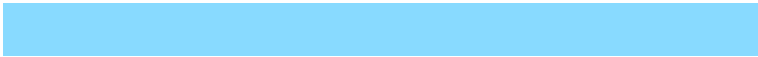
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1119, 63.0283, 40.1337



54.8942, 63.0283, 39.3509



54.1021, 63.0283, 108.1611



65.2150, 63.0283, 109.6942

Sweetspot

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



66.1135, 63.0313, 40.1350



85.9446, 88.4961, 85.1886



63.9174, 49.2265, 68.4207



18.1712, 18.6546, 17.6603



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.



66.1135, 63.0313, 40.1350



63.7471, 58.9689, 31.9533



78.4965, 87.7972, 44.2626



17.8542, 18.4442, 18.0815



23.8248, 16.6063, 1.9496



2.3093, 1.7435, 0.2148

Inverse Universe

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



54.5744, 60.6825, 100.9319



50.2882, 56.2108, 102.8070



44.5571, 40.6479, 97.5928



17.1086, 18.2941, 22.0147



14.5257, 14.4070, 49.9888



1.4505, 1.5446, 4.6649

Previews

White Background



This preview shows how the XYZ color 66.1119, 63.0283, 40.1337 looks on a white background.

Color Contrast Check

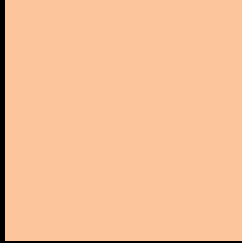
Large Text (above 18pt) WCAG AA × Fail

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 66.1119, 63.0283, 40.1337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

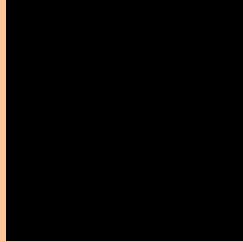
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1119, 63.0283, 40.1337

Background



This preview shows how black text looks on a background with the XYZ color 66.1119, 63.0283, 40.1337.



This preview shows how white text looks on a background with the XYZ color 66.1119, 63.0283,

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

66.1119, 63.0283, 40.1337

Protanopia

59.1131, 63.2146, 42.8042

Deuteranopia

64.5767, 63.2679, 39.8187



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

66.1119, 63.0283, 40.1337

Protanomaly

61.4551, 63.0126, 41.7245

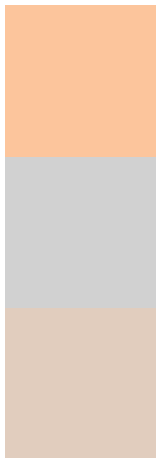
Deuteranomaly

65.0512, 63.1699, 39.7748

Tritanomaly

68.9127, 62.7986, 55.5030

Monochromacy



Original Color

66.1119, 63.0283, 40.1337

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1769, 63.3879, 57.6732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1119, 63.0283, 40.1337 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(252, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 197, 156)  
}
```

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(252, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 197, 156) }
```

Border

The CSS property to change the border of an element to XYZ 66.1119, 63.0283, 40.1337 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(252, 197, 156) }
```


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

```
.border{ border-color:rgb(252, 197, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 197, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 197,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1119, 63.0283, 40.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 197, 156) }
```

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

```
.background{ background-color: rgb(252,  
197, 156) }
```

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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