

Converting Colors

XYZ(65.8583, 62.7289, 41.9751)

Have a look what the booklet for
XYZ(65.8583, 62.7289, 41.9751)
contains.

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Color

**XYZ(66.0951, 62.9798,
41.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC5A0
RGB	251, 197, 160
RGB Percent	98%, 77%, 63%
CMY	0.0157, 0.2274, 0.3725
CMYK	0.00, 0.22, 0.36, 0.02
HSL	24°, 92%, 81%
HSV	24°, 36%, 98%
XYZ	66.0951, 62.9798, 41.9304
YIQ	208.9280, 44.0610, -0.0590

Conversions

Conversions Part 2

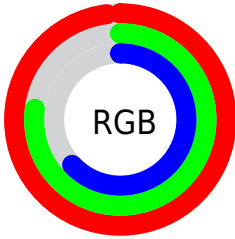
Format	Color
R _Y B	251, 222, 160
Decimal	16500128
CIE Lab	83.43, 14.39, 25.93
CIE LCh	83, 29.652, 60.967
Yxy	62.9798, 0.3865, 0.3683
Android (android.graphics.Color)	4294690208 (0xFFFB5A0)
YUV	208.9280, -24.1215, 36.8971
Hunter-Lab	79.3598, 9.7847, 24.2255

Details

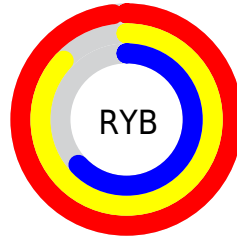
The XYZ color **66.0951, 62.9798, 41.9304** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9555, 62.5296, 100.3871**, and the grayscale version is **60.6910, 63.8516, 69.5344**.

A 20% lighter version of the original color is **88.9476, 97.0499, 78.3344**, and **34.5216, 32.0651, 18.5571** is the 20% darker color. If you saturate the color by 10%, you get **60.9011, 55.7581, 30.4379**, and if you desaturate by 10%, it is **72.0697, 71.0530, 55.8713**.

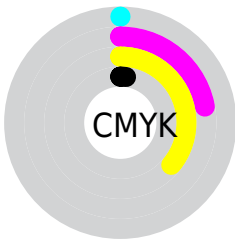
Distribution



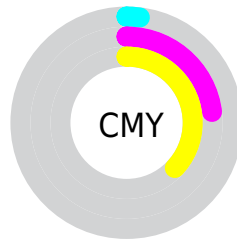
- Red (98%)
- Green (77%)
- Blue (63%)



- Red (98%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.0951, 62.9798, 41.9304 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 66.0951, 62.9798, 41.9304 by changing the saturation by 10% instead.

 66.0951, 62.9798,
41.9304


 66.0951, 62.9798,
41.9304


436.2002,
435.4962, 369.9855

 48.6176, 45.8249,
28.7216


 112.6798,
109.1404, 79.3632

 34.5295, 32.1076,
18.6266


 142.5177,
138.9148, 104.4244

 23.4655, 21.4437,
11.2267


177.2064,
173.6645, 134.2734

 15.0602, 13.4487,
6.1034

217.1114,
213.7739, 169.3288

 8.9482, 7.7383,
2.8383

262.5978,
259.6274, 210.0092

 4.7643, 3.9279,
1.0127

314.0312,

 2.1429, 1.6333,

311.6093, 256.7331

0.0000

371.7769,
370.1041, 309.9190

■ 0.7124, 0.3799,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.0951, 62.9798,
41.9304

■ 66.0951, 62.9798,
41.9304

■ 60.9011, 55.7581,
30.4379

■ 72.0697, 71.0530,
55.8713

■ 56.4465, 49.3489,
21.2455

■ 78.8541, 79.9971,
72.3895

■ 52.6930, 43.7232,
14.1945

■ 86.4813, 89.8421,
91.6092

■ 49.5963, 38.8463,
9.1040

■ 93.5937, 99.2493,
108.8318

■ 47.1059, 34.6800,
5.7627

■ 45.1607, 31.1809,
3.9083

■ 44.5419, 30.0257,
3.4479

Harmonies

Analogous

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



71.1587, 62.9798, 51.8465



66.0951, 62.9798, 41.9304



59.6511, 62.9798, 38.7943

Triad

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



66.0951, 62.9798, 41.9304



48.2771, 62.9798, 69.1763



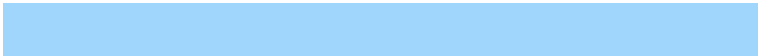
66.4836, 62.9798, 103.8349

Complementary

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



66.0951, 62.9798, 41.9304



55.9555, 62.5296, 100.3871

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.



60.0702, 62.9798, 110.6603



66.0951, 62.9798, 41.9304



49.8262, 62.9798, 88.5610

Square

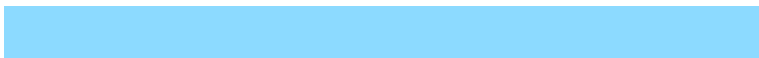
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.0951, 62.9798, 41.9304



49.6410, 62.9798, 52.7141



54.0307, 62.9798, 104.6284



71.3942, 62.9798, 87.3339

Rectangle

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



66.0951, 62.9798, 41.9304



55.5237, 62.9798, 40.4247



54.0307, 62.9798, 104.6284



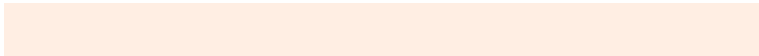
64.4172, 62.9798, 107.4573

Sweetspot

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



66.0967, 62.9828, 41.9317



85.7767, 88.1602, 85.1326



64.5693, 50.5372, 70.3728



18.1313, 18.5747, 17.6469



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.



66.0967, 62.9828, 41.9317



64.2572, 59.3860, 33.9832



77.8515, 86.4923, 45.8499



17.8241, 18.3841, 18.0715



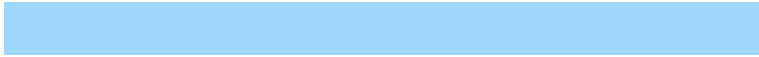
23.5473, 16.0513, 1.8571



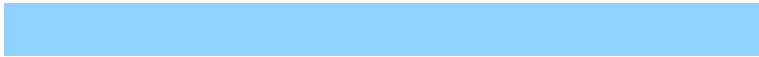
2.2820, 1.6889, 0.2057

Inverse Universe

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



55.9555, 62.5296, 100.3871



52.2353, 58.8263, 103.2093



46.1170, 42.8525, 97.1076



17.1393, 18.3555, 22.0249



14.9430, 15.2417, 50.1279



1.4881, 1.6199, 4.6774

Previews

White Background



This preview shows how the XYZ color 66.0951, 62.9798, 41.9304 looks on a white background.

Color Contrast Check

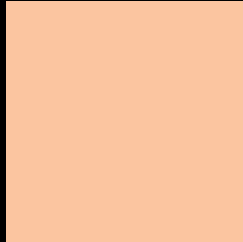
Large Text (above 18pt) WCAG AA × Fail

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 66.0951, 62.9798, 41.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

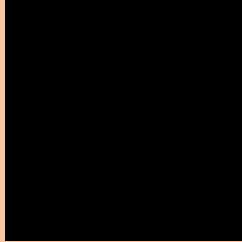
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.0951, 62.9798, 41.9304

Background



This preview shows how black text looks on a background with the XYZ color 66.0951, 62.9798, 41.9304.



This preview shows how white text looks on a background with the XYZ color 66.0951, 62.9798,

41.9304.

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

66.0951, 62.9798, 41.9304

Protanopia

59.1662, 63.2005, 44.6778

Deuteranopia

64.2205, 63.0449, 41.5850



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

66.0951, 62.9798, 41.9304

Protanomaly

61.4824, 62.9859, 43.5673

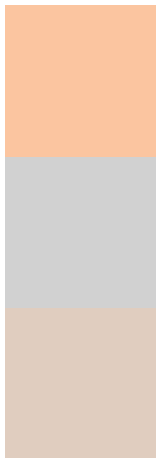
Deuteranomaly

65.0392, 63.1242, 41.5571

Tritanomaly

69.1283, 62.8849, 56.6387

Monochromacy



Original Color

66.0951, 62.9798, 41.9304

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.9758, 63.2715, 58.2364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0951, 62.9798, 41.9304 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(251, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 160)  
}
```

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(251, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 160) }
```

Border

The CSS property to change the border of an element to XYZ 66.0951, 62.9798, 41.9304 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(251, 197, 160) }
```


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

```
.border{ border-color:rgb(251, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0951, 62.9798, 41.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 160) }
```

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

```
.background{ background-color: rgb(251,  
197, 160) }
```

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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