

Converting Colors

XYZ(67.1944, 65.0923, 35.4803)

Have a look what the booklet for
XYZ(67.1944, 65.0923, 35.4803)
contains.

XYZ(67.1607, 65.0469, 35.4011)	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(67.1607, 65.0469,
35.4011)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC990
RGB	255, 201, 144
RGB Percent	100%, 79%, 56%
CMY	0.0000, 0.2117, 0.4353
CMYK	0.00, 0.21, 0.44, 0.00
HSL	31°, 100%, 78%
HSV	31°, 44%, 100%
XYZ	67.1607, 65.0469, 35.4011
YIQ	210.6480, 50.4810, -6.2790

Conversions

Conversions Part 2

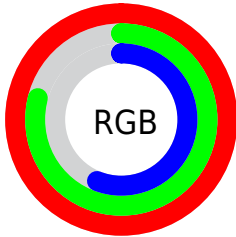
Format	Color
R _Y B	249, 255, 144
Decimal	16763280
CIE Lab	84.51, 12.12, 35.76
CIE LCh	85, 37.762, 71.279
Yxy	65.0469, 0.4007, 0.3881
Android (android.graphics.Color)	4294953360 (0xFFFFC990)
YUV	210.6480, -32.8575, 38.8967
Hunter-Lab	80.6517, 7.5011, 30.4315

Details

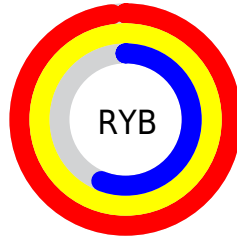
The XYZ color **67.1607, 65.0469, 35.4011** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.7449, 53.5354, 102.3192**, and the grayscale version is **61.8726, 65.0947, 70.8882**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **35.1745, 33.3935, 14.9476** is the 20% darker color. If you saturate the color by 10%, you get **62.6521, 58.8043, 25.3446**, and if you desaturate by 10%, it is **72.3463, 71.9388, 47.8562**.

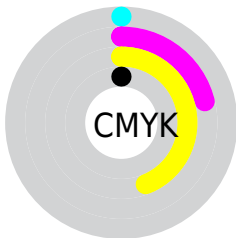
Distribution



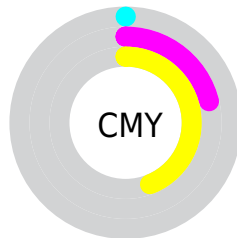
- Red (100%)
- Green (79%)
- Blue (56%)



- Red (98%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1607, 65.0469, 35.4011 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 67.1607, 65.0469, 35.4011 by changing the saturation by 10% instead.


 67.1607, 65.0469,
35.4011

 67.1607, 65.0469,
35.4011


439.9401,
442.9605, 341.2931

 49.4864, 47.4991,
23.6860


 114.1992,
112.1173, 69.2653

 35.2216, 33.4304,
14.8908


 144.2941,
142.4087, 92.2514

 24.0009, 22.4564,
8.5970


179.2599,
177.7167, 119.8317

 15.4591, 14.1926,
4.3861

219.4620,
218.4258, 152.4245

 9.2306, 8.2547,
1.8394

265.2657,
264.9203, 190.4486

 4.9502, 4.2584,
0.4538

317.0363,

 2.2525, 1.8191,

317.5847, 234.3223

0.0000

375.1394,
376.8033, 284.4643

0.7702, 0.4991,
0.0000

0.0000, 0.0000,
0.0000

67.1607, 65.0469,
35.4011

67.1607, 65.0469,
35.4011

62.6521, 58.8043,
25.3446

72.3463, 71.9388,
47.8562

58.7801, 53.1788,
17.5229

78.2365, 79.4922,
62.8509

55.5069, 48.1486,
11.7576

84.8631, 87.7305,
80.5201

52.7874, 43.6862,
7.8407

92.2543, 96.6729,
100.9877

■ 50.5679, 39.7601, 95.0500, 100.0000,
5.5194 108.9000

■ 49.3507, 37.4815,
4.6336

Harmonies

Analogous

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



74.7881, 65.0469, 44.4599



67.1607, 65.0469, 35.4011



58.7167, 65.0469, 34.4304

Triad

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



67.1607, 65.0469, 35.4011



47.2870, 65.0469, 80.2722



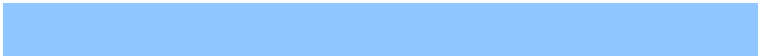
73.1160, 65.0469, 111.6302

Complementary

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



67.1607, 65.0469, 35.4011



49.7449, 53.5354, 102.3192

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.



65.0414, 65.0469, 126.6271



67.1607, 65.0469, 35.4011



50.4539, 65.0469, 105.9729

Square

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



67.1607, 65.0469, 35.4011



47.7427, 65.0469, 56.9792



56.7799, 65.0469, 124.3495



78.4357, 65.0469, 86.7497

Rectangle

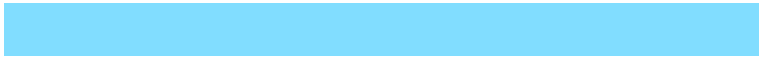
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1607, 65.0469, 35.4011



53.8053, 65.0469, 38.1658



56.7799, 65.0469, 124.3495



70.6047, 65.0469, 118.2238

Sweetspot

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



67.1623, 65.0500, 35.4024



85.2345, 88.1855, 81.5310



61.5806, 45.3539, 59.8468



17.9149, 18.4716, 16.5587



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.



67.1623, 65.0500, 35.4024



63.2994, 59.7184, 26.7331



82.0341, 94.7936, 40.3597



18.7808, 19.5298, 18.9241



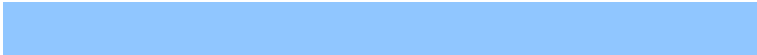
25.9370, 19.8853, 2.4712



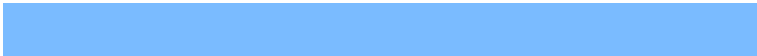
2.6348, 2.1549, 0.2771

Inverse Universe

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



49.7449, 53.5354, 102.3192



43.8822, 46.8856, 101.3447



39.5255, 33.0966, 98.9127



17.7324, 18.8364, 22.9511



13.3486, 11.6067, 50.9714



1.4086, 1.3478, 4.9992

Previews

White Background



This preview shows how the XYZ color 67.1607, 65.0469, 35.4011 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 67.1607, 65.0469, 35.4011 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 67.1607, 65.0469, 35.4011

Background



This preview shows how black text looks on a background with the XYZ color 67.1607, 65.0469, 35.4011.



This preview shows how white text looks on a background with the XYZ color 67.1607, 65.0469,

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

67.1607, 65.0469, 35.4011

Protanopia

60.6345, 65.2206, 37.4100

Deuteranopia

66.6626, 65.1373, 35.4448



Tritanopia

72.1403, 64.8443, 68.3885

Trichromacy



Original Color

67.1607, 65.0469, 35.4011

Protanomaly

62.8392, 64.9094, 36.8205

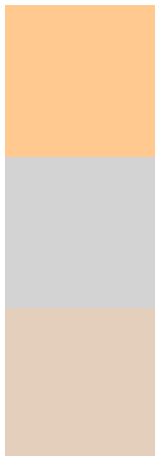
Deuteranomaly

67.0276, 65.3255, 35.4619

Tritanomaly

69.9632, 64.6953, 54.6989

Monochromacy



Original Color

67.1607, 65.0469, 35.4011

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9610, 64.5444, 56.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1607, 65.0469, 35.4011 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, 201, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 144)  
}
```

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, 201, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 144) }
```

Border

The CSS property to change the border of an element to XYZ 67.1607, 65.0469, 35.4011 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, 201, 144) }
```


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

```
.border{ border-color:rgb(255, 201, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1607, 65.0469, 35.4011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 144) }
```

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

```
.background{ background-color: rgb(255,  
201, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor