

Converting Colors

XYZ(94.7851, 79.6700, 38.5932)

Have a look what the booklet for
XYZ(94.7851, 79.6700, 38.5932)
contains.

XYZ(67.7058, 65.6392, 37.1181)	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(67.7058, 65.6392,
37.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCA94
RGB	255, 202, 148
RGB Percent	100%, 79%, 58%
CMY	0.0000, 0.2078, 0.4196
CMYK	0.00, 0.21, 0.42, 0.00
HSL	30°, 100%, 79%
HSV	30°, 42%, 100%
XYZ	67.7058, 65.6392, 37.1181
YIQ	211.6910, 48.9220, -5.5580

Conversions

Conversions Part 2

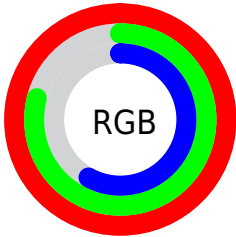
Format	Color
R_{YB}	253, 255, 148
Decimal	16763540
CIE _{Lab}	84.81, 12.01, 34.10
CIE _{LCh}	85, 36.154, 70.597
Yxy	65.6392, 0.3972, 0.3851
Android (android.graphics.Color)	4294953620 (0xFFFFCA94)
YUV	211.6910, -31.3997, 37.9820
Hunter-Lab	81.0180, 7.3888, 29.5491

Details

The XYZ color **67.7058, 65.6392, 37.1181** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.1485, 55.2870, 102.5831**, and the grayscale version is **62.5546, 65.8124, 71.6697**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **35.5125, 33.7786, 15.9575** is the 20% darker color. If you saturate the color by 10%, you get **63.0628, 59.2353, 26.6856**, and if you desaturate by 10%, it is **73.0393, 72.7123, 49.9755**.

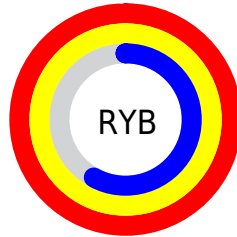
Distribution



Red (100%)

Green (79%)

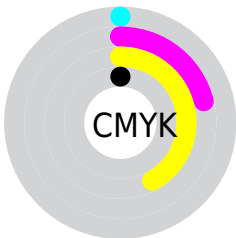
Blue (58%)



Red (99%)

Yellow (100%)

Blue (58%)

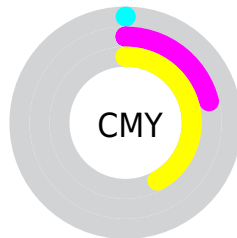


Cyan (0%)

Magenta (21%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7058, 65.6392, 37.1181 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 67.7058, 65.6392, 37.1181 by changing the saturation by 10% instead.


 67.7058, 65.6392,
37.1181


 67.7058, 65.6392,
37.1181


441.8460,
445.0854, 349.0056

 49.9312, 47.9796,
25.0024


 114.9754,
112.9683, 71.9427

 35.5763, 33.8107,
15.8598


 145.2011,
143.4066, 95.4888

 24.2758, 22.7482,
9.2717


180.3080,
178.8733, 123.6821

 15.6641, 14.4077,
4.8196

220.6612,
219.7526, 156.9411

 9.3761, 8.4048,
2.0849

266.6263,
266.4292, 195.6844

 5.0464, 4.3550,
0.6068

318.5686,

 2.3095, 1.8741,

319.2872, 240.3306

0.0000

376.8534,
378.7111, 291.2982

■ 0.7995, 0.5327,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.7058, 65.6392,
37.1181

■ 67.7058, 65.6392,
37.1181

■ 63.0628, 59.2353,
26.6856

■ 73.0393, 72.7123,
49.9755

■ 59.0700, 53.4678,
18.5167

■ 79.0907, 80.4671,
65.3971

■ 55.6901, 48.3147,
12.4365

■ 85.8918, 88.9274,
83.5161

■ 52.8785, 43.7482,
8.2422

■ 93.4708, 98.1128,
104.4552

■ 50.5830, 39.7369,
5.6895

95.0499, 99.9999,
108.9000

■ 49.0514, 36.8830,
4.5338

Harmonies

Analogous

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



74.9750, 65.6392, 46.1997



67.7058, 65.6392, 37.1181



59.5681, 65.6392, 35.9846

Triad

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



67.7058, 65.6392, 37.1181



48.2991, 65.6392, 79.9888



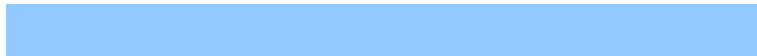
73.0799, 65.6392, 110.9635

Complementary

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



67.7058, 65.6392, 37.1181



51.1485, 55.2870, 102.5831

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.



65.2957, 65.6392, 124.8808



67.7058, 65.6392, 37.1181



51.2952, 65.6392, 104.5963

Square

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



67.7058, 65.6392, 37.1181



48.8228, 65.6392, 57.6540



57.3564, 65.6392, 122.3270



78.2587, 65.6392, 87.3336

Rectangle

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



67.7058, 65.6392, 37.1181



54.7929, 65.6392, 39.5443



57.3564, 65.6392, 122.3270



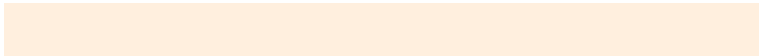
70.6546, 65.6392, 117.1419

Sweetspot

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



67.7074, 65.6423, 37.1194



85.1489, 88.0143, 81.5025



62.4317, 46.6810, 61.2875



17.8937, 18.4293, 16.5516



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.



67.7074, 65.6423, 37.1194



63.9208, 60.4400, 28.5471



82.3453, 94.9179, 41.9987



18.7671, 19.5024, 18.9195



25.7801, 19.5714, 2.4189



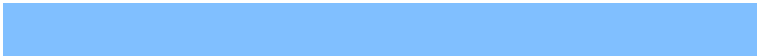
2.6194, 2.1242, 0.2719

Inverse Universe

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



51.1485, 55.2870, 102.5831



45.4310, 48.8784, 101.6477



40.8532, 34.6965, 99.1514



17.7461, 18.8638, 22.9557



13.4986, 11.9068, 51.0214



1.4234, 1.3775, 5.0041

Previews

White Background



This preview shows how the XYZ color 67.7058, 65.6392, 37.1181 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 67.7058, 65.6392, 37.1181 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 67.7058, 65.6392, 37.1181

Background



This preview shows how black text looks on a background with the XYZ color 67.7058, 65.6392, 37.1181.



This preview shows how white text looks on a background with the XYZ color 67.7058, 65.6392,

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

67.7058, 65.6392, 37.1181

Protanopia

61.2059, 65.8479, 39.1898

Deuteranopia

67.2092, 65.7326, 37.1623



Tritanopia

72.7149, 65.7960, 69.1890

Trichromacy



Original Color

67.7058, 65.6392, 37.1181

Protanomaly

63.4017, 65.5233, 38.5838

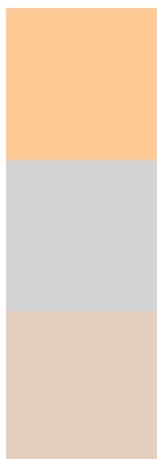
Deuteranomaly

67.5743, 65.9208, 37.1794

Tritanomaly

70.6331, 65.6947, 55.9713

Monochromacy



Original Color

67.7058, 65.6392, 37.1181

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.7361, 65.2799, 57.3851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7058, 65.6392, 37.1181 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, 202, 148)` looks like.

```
.text, #text, p{  
  color:rgb(255, 202, 148)  
}
```

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, 202, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 148) }
```

Border

The CSS property to change the border of an element to XYZ 67.7058, 65.6392, 37.1181 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, 202, 148) }
```


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

```
.border{ border-color:rgb(255, 202, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7058, 65.6392, 37.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 148) }
```

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

```
.background{ background-color: rgb(255,  
202, 148) }
```

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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