

Converting Colors

XYZ(65.6753, 64.2735, 36.9615)

Have a look what the booklet for
XYZ(65.6753, 64.2735, 36.9615)
contains.

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Color

**XYZ(65.6563, 64.2354,
36.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC994
RGB	250, 201, 148
RGB Percent	98%, 79%, 58%
CMY	0.0196, 0.2117, 0.4196
CMYK	0.00, 0.20, 0.41, 0.02
HSL	31°, 91%, 78%
HSV	31°, 41%, 98%
XYZ	65.6563, 64.2354, 36.9552
YIQ	209.6090, 46.2170, -6.0950

Conversions

Conversions Part 2

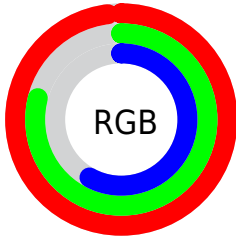
Format	Color
R _Y B	242, 250, 148
Decimal	16435604
CIE Lab	84.09, 10.58, 33.06
CIE LCh	84, 34.708, 72.254
Yxy	64.2354, 0.3935, 0.3850
Android (android.graphics.Color)	4294625684 (0xFFFA C994)
YUV	209.6090, -30.3732, 35.4229
Hunter-Lab	80.1470, 5.9697, 28.7647

Details

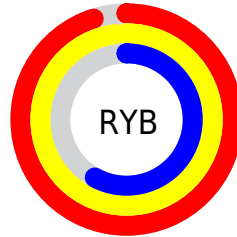
The XYZ color **65.6563, 64.2354, 36.9552** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.4336, 53.1287, 98.0919**, and the grayscale version is **61.1751, 64.3610, 70.0891**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **34.3296, 32.9370, 15.8574** is the 20% darker color. If you saturate the color by 10%, you get **61.1967, 58.1484, 26.7379**, and if you desaturate by 10%, it is **70.7653, 70.9372, 49.4987**.

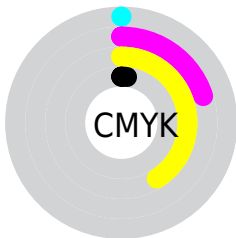
Distribution



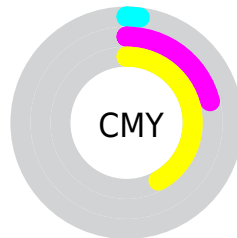
- Red (98%)
- Green (79%)
- Blue (58%)



- Red (95%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6563, 64.2354, 36.9552 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 65.6563, 64.2354, 36.9552 by changing the saturation by 10% instead.


 65.6563, 64.2354,
36.9552


 65.6563, 64.2354,
36.9552

434.6547,
440.0392, 348.2794

 48.2601, 46.8414,
24.8773


 112.0534,
110.9499, 71.6894

 34.2450, 32.9103,
15.7675


 141.7849,
141.0391, 95.1828

 23.2457, 22.0577,
9.2072


176.3590,
176.1289, 123.3185

 14.8967, 13.8993,
4.7779

216.1410,
216.6035, 156.5149

 8.8328, 8.0507,
2.0611

261.4962,
262.8475, 195.1907

 4.6885, 4.1274,
0.5925

312.7900,

 2.0985, 1.7451,

315.2452, 239.7643

0.0000

370.3877,
374.1809, 290.6544

■ 0.6884, 0.4526,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6563, 64.2354,
36.9552

■ 65.6563, 64.2354,
36.9552

■ 61.1967, 58.1484,
26.7379

■ 70.7653, 70.9372,
49.4987

■ 57.3491, 52.6460,
18.6948

■ 76.5491, 78.2643,
64.4992

■ 54.0787, 47.7085,
12.6621

■ 83.0372, 86.2386,
82.0826

■ 51.3446, 43.3109,
8.4502

■ 90.2560, 94.8776,
102.3647

■ 49.0986, 39.4250,
5.8327

■ 93.2343, 99.0640,
108.8150

■ 47.3957, 36.2667,
4.5022

Harmonies

Analogous

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



72.6233, 64.2354, 45.2287



65.6563, 64.2354, 36.9552



57.9793, 64.2354, 36.2754

Triad

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



65.6563, 64.2354, 36.9552



47.7562, 64.2354, 79.2866



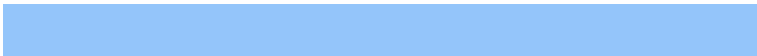
71.5082, 64.2354, 106.0594

Complementary

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



65.6563, 64.2354, 36.9552



49.4336, 53.1287, 98.0919

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.



64.2352, 64.2354, 119.8192



65.6563, 64.2354, 36.9552



50.7834, 64.2354, 102.3300

Square

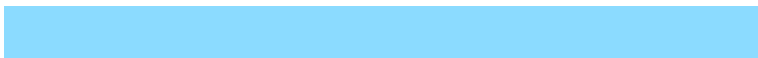
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6563, 64.2354, 36.9552



48.0671, 64.2354, 57.8507



56.6716, 64.2354, 118.3270



76.1914, 64.2354, 83.6093

Rectangle

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



65.6563, 64.2354, 36.9552



53.5225, 64.2354, 39.9778



56.6716, 64.2354, 118.3270



69.2604, 64.2354, 112.0465

Sweetspot

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



65.6579, 64.2384, 36.9565



85.9978, 89.1615, 83.4831



60.1271, 45.5494, 58.6272



18.2105, 18.8447, 17.3297



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.



65.6579, 64.2384, 36.9565



64.7836, 61.8951, 29.6692



78.3489, 90.5207, 41.3606



17.9908, 18.7175, 18.1270



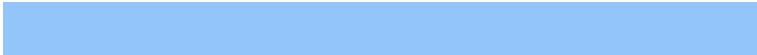
25.2852, 19.5271, 2.4364



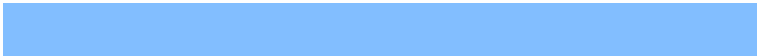
2.4480, 2.0209, 0.2611

Inverse Universe

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



49.4336, 53.1287, 98.0919



45.6918, 48.8263, 101.6239



40.3684, 34.5383, 94.9814



16.9710, 18.0188, 21.9688



12.8631, 11.0818, 49.4346



1.2969, 1.2374, 4.6137

Previews

White Background



This preview shows how the XYZ color 65.6563, 64.2354, 36.9552 looks on a white background.

Color Contrast Check

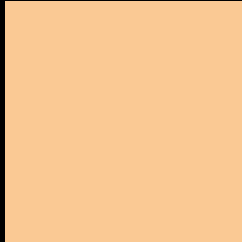
Large Text (above 18pt) WCAG AA × Fail

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 65.6563, 64.2354, 36.9552 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 65.6563, 64.2354, 36.9552

Background



This preview shows how black text looks on a background with the XYZ color 65.6563, 64.2354, 36.9552.



This preview shows how white text looks on a background with the XYZ color 65.6563, 64.2354,

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

65.6563, 64.2354, 36.9552

Protanopia

60.0781, 64.5289, 38.9946

Deuteranopia

65.6563, 64.2354, 36.9552



Tritanopia

71.9170, 64.3976, 68.3141

Trichromacy



Original Color

65.6563, 64.2354, 36.9552

Protanomaly

62.1597, 64.5222, 38.4560

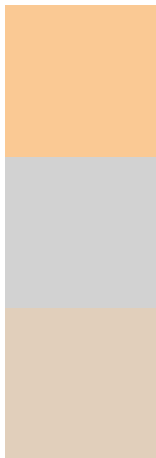
Deuteranomaly

65.6563, 64.2354, 36.9552

Tritanomaly

69.3372, 64.3603, 55.2227

Monochromacy



Original Color

65.6563, 64.2354, 36.9552

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.3338, 64.2211, 56.1243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6563, 64.2354, 36.9552 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(250, 201, 148)` looks like.

```
.text, #text, p{  
    color:rgb(250, 201, 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(250, 201, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 201, 148) }
```

Border

The CSS property to change the border of an element to XYZ 65.6563, 64.2354, 36.9552 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(250, 201, 148) }
```


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

```
.border{ border-color:rgb(250, 201, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 201, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 201, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 201, 148);  
box-shadow:4px 4px 4px 4px rgb(250, 201,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6563, 64.2354, 36.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 201, 148) }
```

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

```
.background{ background-color: rgb(250,  
201, 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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