

Converting Colors

XYZ(65.8296, 60.5509, 40.6108)

Have a look what the booklet for
XYZ(65.8296, 60.5509, 40.6108)
contains.

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Color

**XYZ(65.8250, 60.5555,
40.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBE9E
RGB	255, 190, 158
RGB Percent	100%, 75%, 62%
CMY	0.0000, 0.2549, 0.3804
CMYK	0.00, 0.25, 0.38, 0.00
HSL	20°, 100%, 81%
HSV	20°, 38%, 100%
XYZ	65.8250, 60.5555, 40.5668
YIQ	205.7870, 49.0120, 3.8280

Conversions

Conversions Part 2

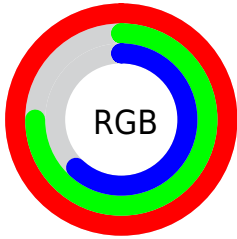
Format	Color
R _Y B	255, 206, 158
Decimal	16760478
CIE Lab	82.14, 19.36, 25.29
CIE LCh	82, 31.850, 52.571
Yxy	60.5555, 0.3943, 0.3627
Android (android.graphics.Color)	4294950558 (0xFFFFBE9E)
YUV	205.7870, -23.5590, 43.1598
Hunter-Lab	77.8174, 14.8110, 23.5639

Details

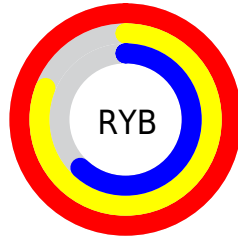
The XYZ color **65.8250, 60.5555, 40.5668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.5373, 67.2620, 104.5053**, and the grayscale version is **58.6552, 61.7099, 67.2021**.

A 20% lighter version of the original color is **86.2060, 91.9756, 76.1603**, and **34.1706, 30.3847, 17.6995** is the 20% darker color. If you saturate the color by 10%, you get **60.3676, 52.7963, 29.0192**, and if you desaturate by 10%, it is **72.1748, 69.3704, 54.6598**.

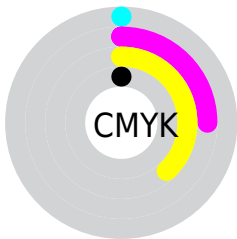
Distribution



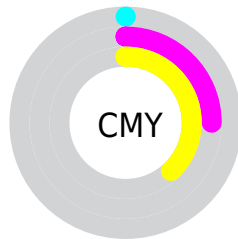
- Red (100%)
- Green (75%)
- Blue (62%)



- Red (100%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8250, 60.5555, 40.5668 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 65.8250, 60.5555, 40.5668 by changing the saturation by 10% instead.


 65.8250, 60.5555,
40.5668


 65.8250, 60.5555,
40.5668


435.2493,
426.6423, 364.1297

 48.3975, 43.8665,
27.6636


 112.2942,
105.6351, 77.2724

 34.3544, 30.5656,
17.8354


 142.0667,
134.7945, 101.9118

 23.3301, 20.2683,
10.6637


176.6850,
168.8795, 131.3004

 14.9595, 12.5902,
5.7298

216.5142,
208.2745, 165.8567

 8.8771, 7.1470,
2.6154

261.9200,
253.3639, 205.9992

 4.7176, 3.5542,
0.9004

313.2675,

 2.1156, 1.4275,

304.5320, 252.1465

0.0000

370.9221,
362.1634, 304.7172

■ 0.6977, 0.2368,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8250, 60.5555,
40.5668

■ 65.8250, 60.5555,
40.5668

■ 60.3676, 52.7963,
29.0192

■ 72.1748, 69.3704,
54.6598

■ 55.7546, 46.0428,
19.8590

■ 79.4526, 79.2711,
71.4359

■ 51.9402, 40.2539,
12.9158

■ 87.6973, 90.2971,
91.0272

■ 48.8719, 35.3816,
7.9951

95.0500, 100.0000,
108.9000

■ 46.4892, 31.3732,
4.8675

■ 44.7153, 28.1668,
3.2236

■ 44.4210, 27.6221,
2.9903

Harmonies

Analogous

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



70.4153, 60.5555, 52.6512



65.8250, 60.5555, 40.5668



59.2537, 60.5555, 35.4764

Triad

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



65.8250, 60.5555, 40.5668



45.6030, 60.5555, 61.2365



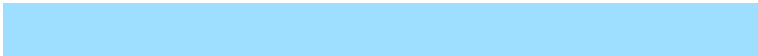
62.6918, 60.5555, 106.6387

Complementary

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



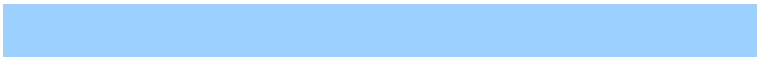
65.8250, 60.5555, 40.5668



58.5373, 67.2620, 104.5053

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.



55.8914, 60.5555, 110.1758



65.8250, 60.5555, 40.5668



46.3664, 60.5555, 81.2831

Square

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



65.8250, 60.5555, 40.5668



47.8371, 60.5555, 45.7950



50.0106, 60.5555, 100.1418



68.5098, 60.5555, 91.2522

Rectangle

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



65.8250, 60.5555, 40.5668



54.7727, 60.5555, 35.8614



50.0106, 60.5555, 100.1418



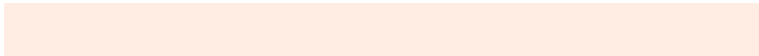
60.4324, 60.5555, 109.3611

Sweetspot

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



65.8265, 60.5584, 40.5680



85.1528, 86.9124, 84.9246



66.9602, 51.1115, 77.0593



17.9831, 18.2784, 17.5976



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.



65.8265, 60.5584, 40.5680



61.4103, 54.2954, 31.1744



77.7587, 84.4228, 44.5454



18.4989, 18.9660, 18.8301



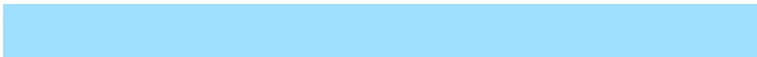
23.3320, 14.6753, 1.6029



2.3669, 1.6192, 0.1878

Inverse Universe

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



58.5373, 67.2620, 104.5053



53.1136, 61.8616, 103.7488



47.6340, 45.4556, 100.8709



18.0202, 19.4120, 23.0471



17.1698, 19.2492, 52.2451



1.7719, 2.0745, 5.1203

Previews

White Background



This preview shows how the XYZ color 65.8250, 60.5555, 40.5668 looks on a white background.

Color Contrast Check

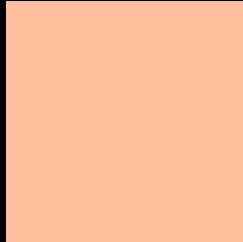
Large Text (above 18pt) WCAG AA × Fail

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 65.8250, 60.5555, 40.5668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

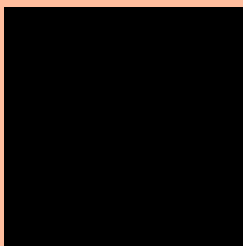
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8250, 60.5555, 40.5668

Background



This preview shows how black text looks on a background with the XYZ color 65.8250, 60.5555, 40.5668.



This preview shows how white text looks on a background with the XYZ color 65.8250, 60.5555,

40.5668.

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

65.8250, 60.5555, 40.5668

Protanopia

56.9997, 60.6541, 44.3005

Deuteranopia

61.7609, 60.4394, 40.3091



Tritanopia

69.1077, 60.5013, 62.0684

Trichromacy



Original Color

65.8250, 60.5555, 40.5668

Protanomaly

59.9000, 60.4444, 42.6923

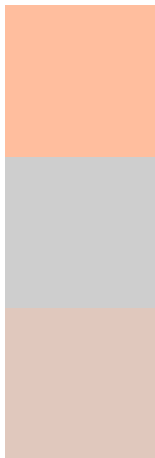
Deuteranomaly

63.0338, 60.4304, 40.2403

Tritanomaly

67.6621, 60.2613, 53.4128

Monochromacy



Original Color

65.8250, 60.5555, 40.5668

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.5801, 60.8300, 56.6926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8250, 60.5555, 40.5668 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, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 158)  
}
```

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, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 158) }
```

Border

The CSS property to change the border of an element to XYZ 65.8250, 60.5555, 40.5668 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, 190, 158) }
```


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

```
.border{ border-color:rgb(255, 190, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8250, 60.5555, 40.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 158) }
```

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

```
.background{ background-color: rgb(255,  
190, 158) }
```

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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