

Converting Colors

XYZ(62.4440, 55.1686, 35.2006)

Have a look what the booklet for
XYZ(62.4440, 55.1686, 35.2006)
contains.

XYZ(62.5057, 55.2389, 35.3847)	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(62.5057, 55.2389,
35.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB294
RGB	255, 178, 148
RGB Percent	100%, 70%, 58%
CMY	0.0000, 0.3019, 0.4196
CMYK	0.00, 0.30, 0.42, 0.00
HSL	17°, 100%, 79%
HSV	17°, 42%, 100%
XYZ	62.5057, 55.2389, 35.3847
YIQ	197.6030, 55.5220, 6.9940

Conversions

Conversions Part 2

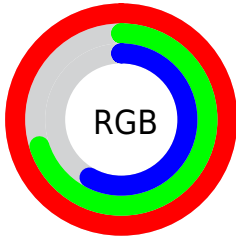
Format	Color
R_{YB}	255, 190, 148
Decimal	16757396
CIE _{Lab}	79.18, 24.55, 26.60
CIE _{LCh}	79, 36.199, 47.287
Yxy	55.2389, 0.4082, 0.3607
Android (android.graphics.Color)	4294947476 (0xFFFFB294)
YUV	197.6030, -24.4543, 50.3372
Hunter-Lab	74.3229, 20.0539, 23.7984

Details

The XYZ color **62.5057, 55.2389, 35.3847** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.1868, 67.3636, 104.5961**, and the grayscale version is **53.5569, 56.3460, 61.3608**.

A 20% lighter version of the original color is **81.3235, 84.3699, 67.8759**, and **32.2562, 27.2661, 14.8720** is the 20% darker color. If you saturate the color by 10%, you get **57.2955, 47.7006, 24.7630**, and if you desaturate by 10%, it is **68.6517, 63.9371, 48.5128**.

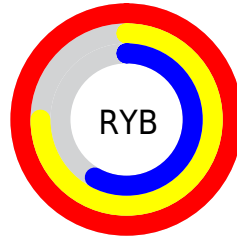
Distribution



Red (100%)

Green (70%)

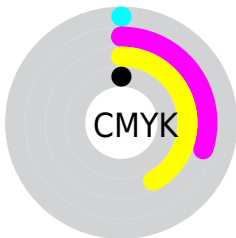
Blue (58%)



Red (100%)

Yellow (75%)

Blue (58%)

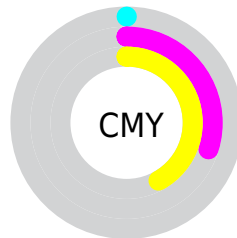


Cyan (0%)

Magenta (30%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5057, 55.2389, 35.3847 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 62.5057, 55.2389, 35.3847 by changing the saturation by 10% instead.

 62.5057, 55.2389,
35.3847


 62.5057, 55.2389,
35.3847


423.4616,
406.8169, 341.2188

 45.6986, 39.5930,
23.6734


 107.5419, 97.8909,
69.2396

 32.2117, 27.2214,
14.8816


 136.5017,
125.6658, 92.2204

 21.6795, 17.7396,
8.5906


170.2431,
158.2525, 119.7947

 13.7369, 10.7632,
4.3820

209.1314,
196.0354, 152.3811

 8.0184, 5.9078,
1.8372

253.5321,
239.3989, 190.3982

 4.1586, 2.7891,
0.4523

303.8104,

 1.7923, 1.0226,

288.7274, 234.2645

0.0000

360.3318,
344.4052, 284.3985

■ 0.5130, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5057, 55.2389,
35.3847

■ 62.5057, 55.2389,
35.3847

■ 57.2955, 47.7006,
24.7630

■ 68.6517, 63.9371,
48.5128

■ 52.9681, 41.2639,
16.4826

■ 75.7743, 73.8343,
64.2914

■ 49.4714, 35.8772,
10.3635

■ 83.9168, 84.9775,
82.8575

■ 46.7451, 31.4812,
6.1977

■ 93.1188, 97.4087,
104.3375

■ 44.7194, 28.0096, 95.0500, 100.0000,
3.7349 108.9000

■ 43.5257, 25.8314,
2.6919

Harmonies

Analogous

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



66.9223, 55.2389, 49.0767



62.5057, 55.2389, 35.3847



55.6212, 55.2389, 29.0748

Triad

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



62.5057, 55.2389, 35.3847



40.0793, 55.2389, 51.8048



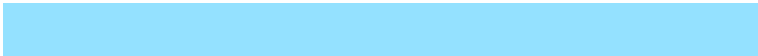
56.7419, 55.2389, 106.7167

Complementary

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



62.5057, 55.2389, 35.3847



57.1868, 67.3636, 104.5961

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.



49.5034, 55.2389, 107.9261



62.5057, 55.2389, 35.3847



40.3195, 55.2389, 72.7653

Square

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



62.5057, 55.2389, 35.3847



42.9391, 55.2389, 36.9851



43.6286, 55.2389, 94.3868



63.3907, 55.2389, 91.3862

Rectangle

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



62.5057, 55.2389, 35.3847



50.7598, 55.2389, 28.6736



43.6286, 55.2389, 94.3868



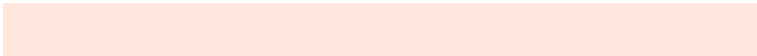
54.2854, 55.2389, 108.8952

Sweetspot

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



62.5071, 55.2416, 35.3858



83.0216, 83.7596, 80.7934



65.6218, 47.9569, 78.0859



17.3713, 17.3844, 16.3775



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.



62.5071, 55.2416, 35.3858



58.2458, 49.0902, 26.6554



74.8915, 80.0105, 39.5139



18.4240, 18.8162, 18.8052



22.8509, 13.7130, 1.4425



2.3125, 1.5103, 0.1696

Inverse Universe

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



57.1868, 67.3636, 104.5961



52.2727, 62.5618, 103.9283



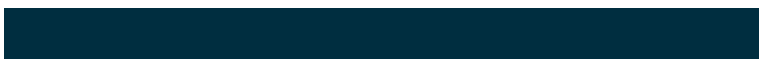
45.2004, 43.3908, 100.6006



18.0990, 19.5697, 23.0734



18.4653, 21.8403, 52.6769



1.8903, 2.3114, 5.1598

Previews

White Background



This preview shows how the XYZ color 62.5057, 55.2389, 35.3847 looks on a white background.

Color Contrast Check

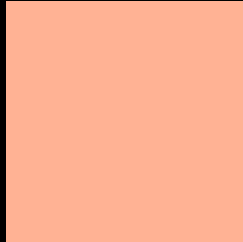
Large Text (above 18pt) WCAG AA × Fail

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 62.5057, 55.2389, 35.3847 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 62.5057, 55.2389, 35.3847

Background



This preview shows how black text looks on a background with the XYZ color 62.5057, 55.2389, 35.3847.



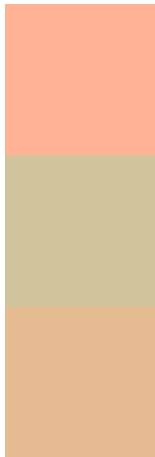
This preview shows how white text looks on a background with the XYZ color 62.5057, 55.2389,

35.3847.

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

62.5057, 55.2389, 35.3847

Protanopia

52.0352, 55.4355, 39.4101

Deuteranopia

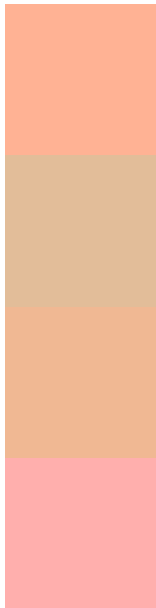
56.4502, 55.1976, 34.8731



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

62.5057, 55.2389, 35.3847

Protanomaly

55.3114, 54.8639, 37.8115

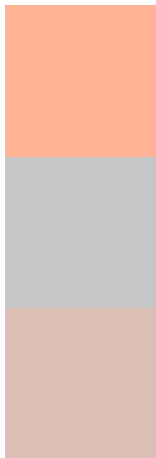
Deuteranomaly

58.3421, 54.9128, 35.1280

Tritanomaly

64.1128, 54.9371, 46.7600

Monochromacy



Original Color

62.5057, 55.2389, 35.3847

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.0824, 55.6170, 50.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5057, 55.2389, 35.3847 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, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 148) }
```

Border

The CSS property to change the border of an element to XYZ 62.5057, 55.2389, 35.3847 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, 178, 148) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5057, 55.2389, 35.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 148) }
```

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

```
.background{ background-color: rgb(255,  
178, 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](#).

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