

Converting Colors

XYZ(93.0726, 72.0703, 40.6358)

Have a look what the booklet for
XYZ(93.0726, 72.0703, 40.6358)
contains.

XYZ(63.9687, 57.1162, 39.1055)	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(63.9687, 57.1162,
39.1055)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB69C
RGB	255, 182, 156
RGB Percent	100%, 71%, 61%
CMY	0.0000, 0.2862, 0.3882
CMYK	0.00, 0.29, 0.39, 0.00
HSL	16°, 100%, 81%
HSV	16°, 39%, 100%
XYZ	63.9687, 57.1162, 39.1055
YIQ	200.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

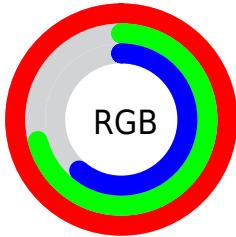
Format	Color
R _Y B	255, 191, 156
Decimal	16758428
CIE Lab	80.24, 23.33, 23.78
CIE LCh	80, 33.307, 45.548
Yxy	57.1162, 0.3993, 0.3566
Android (android.graphics.Color)	4294948508 (0xFFFFB69C)
YUV	200.8630, -22.1175, 47.4781
Hunter-Lab	75.5753, 18.8299, 22.2238

Details

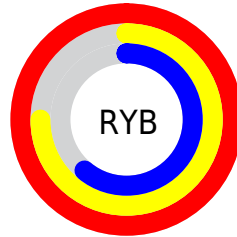
The XYZ color **63.9687, 57.1162, 39.1055** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.7785, 70.3238, 105.0309**, and the grayscale version is **55.5440, 58.4366, 63.6374**.

A 20% lighter version of the original color is **83.5724, 87.1122, 74.0376**, and **33.1650, 28.4562, 17.1092** is the 20% darker color. If you saturate the color by 10%, you get **58.4366, 49.1524, 27.7034**, and if you desaturate by 10%, it is **70.4740, 66.3007, 53.0693**.

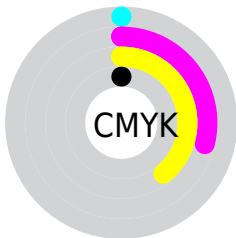
Distribution



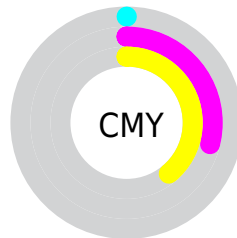
- Red (100%)
- Green (71%)
- Blue (61%)



- Red (100%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9687, 57.1162, 39.1055 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 63.9687, 57.1162, 39.1055 by changing the saturation by 10% instead.


 63.9687, 57.1162,
39.1055

 63.9687, 57.1162,
39.1055


428.6806,
413.8846, 357.7782

 46.8869, 41.0985,
26.5333


 109.6398,
100.6347, 75.0216

 33.1538, 28.3961,
16.9937


 138.9599,
128.9044, 99.2026

 22.4041, 18.6245,
10.0681


173.0901,
162.0268, 128.0903

 14.2724, 11.3992,
5.3379

212.3958,
200.3864, 162.1032

 8.3933, 6.3360,
2.3847

257.2423,
244.3676, 201.6599

 4.4016, 3.0505,
0.7781

307.9951,

 1.9317, 1.1581,

294.3548, 247.1790

0.0000

365.0194,
350.7323, 299.0789

■ 0.5952, 0.0271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9687, 57.1162,
39.1055

■ 63.9687, 57.1162,
39.1055

■ 58.4366, 49.1524,
27.7034

■ 70.4740, 66.3007,
53.0693

■ 53.8243, 42.3489,
18.7023

■ 77.9936, 76.7469,
69.7354

■ 50.0796, 36.6519,
11.9283

■ 86.5713, 88.5037,
89.2381

■ 47.1428, 32.0001,
7.1822

95.0500, 100.0000,
108.9000

■ 44.9452, 28.3255,
4.2288

■ 43.3967, 25.5471,
2.7300

■ 43.2462, 25.2724,
2.5987

Harmonies

Analogous

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



67.8838, 57.1162, 52.6825



63.9687, 57.1162, 39.1055



57.6163, 57.1162, 32.5188

Triad

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



63.9687, 57.1162, 39.1055



42.5843, 57.1162, 53.3045



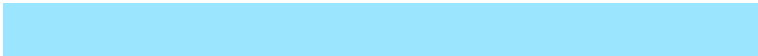
57.8681, 57.1162, 105.6929

Complementary

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



63.9687, 57.1162, 39.1055



59.7785, 70.3238, 105.0309

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.



51.0889, 57.1162, 105.9572



63.9687, 57.1162, 39.1055



42.6394, 57.1162, 72.7773

Square

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



63.9687, 57.1162, 39.1055



45.4781, 57.1162, 39.4785



45.6355, 57.1162, 92.9343



64.1662, 57.1162, 92.2737

Rectangle

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



63.9687, 57.1162, 39.1055



53.0329, 57.1162, 31.8680



45.6355, 57.1162, 92.9343



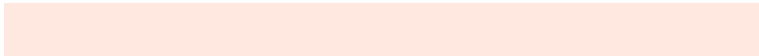
55.5612, 57.1162, 107.4038

Sweetspot

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



63.9702, 57.1189, 39.1066



83.7290, 84.6237, 82.7268



67.4468, 50.7647, 81.2911



17.6781, 17.7799, 17.1523



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.



63.9702, 57.1189, 39.1066



59.3752, 50.5164, 29.5983



75.6074, 80.3934, 42.9857



18.3973, 18.7628, 18.7963



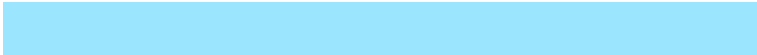
22.6996, 13.4104, 1.3921



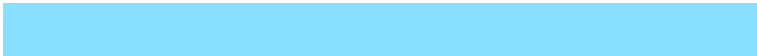
2.2947, 1.4747, 0.1637

Inverse Universe

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



59.7785, 70.3238, 105.0309



54.5920, 65.4357, 104.3608



48.2339, 47.2347, 101.1827



18.1274, 19.6264, 23.0828



18.9582, 22.8259, 52.8412



1.9350, 2.4007, 5.1747

Previews

White Background



This preview shows how the XYZ color 63.9687, 57.1162, 39.1055 looks on a white background.

Color Contrast Check

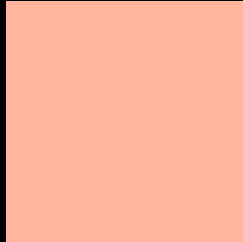
Large Text (above 18pt) WCAG AA × Fail

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 63.9687, 57.1162, 39.1055 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 63.9687, 57.1162, 39.1055

Background



This preview shows how black text looks on a background with the XYZ color 63.9687, 57.1162, 39.1055.



This preview shows how white text looks on a background with the XYZ color 63.9687, 57.1162,

39.1055.

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

63.9687, 57.1162, 39.1055

Protanopia

53.9882, 57.3761, 43.3512

Deuteranopia

58.3952, 57.0871, 38.5130



Tritanopia

66.7641, 57.2618, 56.8240

Trichromacy



Original Color

63.9687, 57.1162, 39.1055

Protanomaly

57.1815, 57.0440, 41.7150

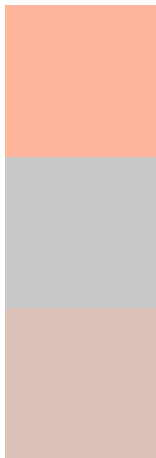
Deuteranomaly

60.5176, 57.2102, 38.8634

Tritanomaly

65.5971, 57.1169, 49.6868

Monochromacy



Original Color

63.9687, 57.1162, 39.1055

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.8675, 57.4585, 53.9396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9687, 57.1162, 39.1055 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, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 156)  
}
```

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, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 156) }
```

Border

The CSS property to change the border of an element to XYZ 63.9687, 57.1162, 39.1055 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, 182, 156) }
```


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

```
.border{ border-color:rgb(255, 182, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9687, 57.1162, 39.1055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 156) }
```

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

```
.background{ background-color: rgb(255,  
182, 156) }
```

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