

# Converting Colors

XYZ(63.5461, 61.9429, 45.8536)

Have a look what the booklet for  
XYZ(63.5461, 61.9429, 45.8536)  
contains.

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# **Color**

**XYZ(63.5376, 61.9161,  
45.6480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1C6A8
RGB	241, 198, 168
RGB Percent	95%, 78%, 66%
CMY	0.0549, 0.2235, 0.3412
CMYK	0.00, 0.18, 0.30, 0.05
HSL	25°, 72%, 80%
HSV	25°, 30%, 95%
XYZ	63.5376, 61.9161, 45.6480
YIQ	207.4370, 35.2580, -0.2140

# Conversions

## Conversions Part 2

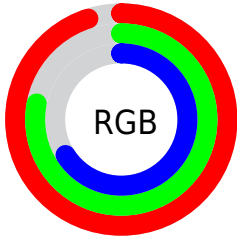
Format	Color
R <sub>Y</sub> B	241, 219, 168
Decimal	15845032
CIE Lab	82.87, 11.03, 20.78
CIE LCh	83, 23.522, 62.040
Yxy	61.9161, 0.3713, 0.3619
Android (android.graphics.Color)	4294035112 (0xFFFF1C6A8)
YUV	207.4370, -19.4424, 29.4348
Hunter-Lab	78.6868, 6.4324, 20.6853

# Details

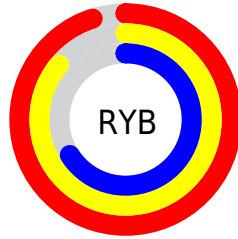
The XYZ color **63.5376, 61.9161, 45.6480** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.3192, 61.2623, 92.1284**, and the grayscale version is **59.6970, 62.8059, 68.3957**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **32.8928, 31.3978, 20.8497** is the 20% darker color. If you saturate the color by 10%, you get **58.4037, 54.9143, 33.8675**, and if you desaturate by 10%, it is **69.3950, 69.6983, 59.7239**.

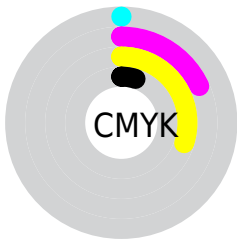
# Distribution



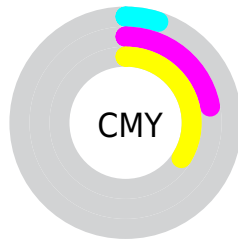
- Red (95%)
- Green (78%)
- Blue (66%)



- Red (95%)
- Yellow (86%)
- Blue (66%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5376, 61.9161, 45.6480 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 63.5376, 61.9161, 45.6480 by changing the saturation by 10% instead.





 63.5376, 61.9161,  
45.6480


 63.5376, 61.9161,  
45.6480


427.1466,  
431.6250, 385.6281

 46.5365, 44.9649,  
31.6215


 109.0222,  
107.6043, 85.0207

 32.8758, 31.4298,  
20.8101


 138.2364,  
137.1100, 111.2039

 22.1901, 20.9263,  
12.7954


172.2525,  
171.5694, 142.2765

 14.1140, 13.0702,  
7.1587

211.4356,  
211.3669, 178.6569

 8.2823, 7.4769,  
3.4816

256.1513,  
256.8868, 220.7637

 4.3294, 3.7621,  
1.3455

306.7647,

 1.8901, 1.5414,

308.5135, 269.0155

0.0987

363.6414,  
366.6314, 323.8308

■ 0.5711, 0.3176,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.5376, 61.9161,  
45.6480

■ 63.5376, 61.9161,  
45.6480

■ 58.4037, 54.9143,  
33.8675

■ 69.3950, 69.6983,  
59.7239

■ 53.9570, 48.6583,  
24.2544

■ 76.0002, 78.2767,  
76.2058

■ 50.1652, 43.1237,  
16.6741

■ 83.3825, 87.6775,  
95.2020

■ 46.9911, 38.2809,  
10.9752

■ 90.0165, 97.3025,  
108.6446

■ 44.3928, 34.0979,  
6.9845

■ 90.0857, 97.4408,  
108.6677

■ 42.3218, 30.5390,  
4.4959

■ 40.7430, 27.6354,  
3.1868

# Harmonies

## Analogous

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



67.5024, 61.9161, 53.6681



63.5376, 61.9161, 45.6480



58.5033, 61.9161, 43.1950

# Triad

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



63.5376, 61.9161, 45.6480



49.6381, 61.9161, 68.4142



64.1719, 61.9161, 93.9485

# Complementary

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



63.5376, 61.9161, 45.6480



55.3192, 61.2623, 92.1284

# 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.



59.1969, 61.9161, 99.3296



63.5376, 61.9161, 45.6480



50.9694, 61.9161, 83.3318

# Square

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



63.5376, 61.9161, 45.6480



50.6550, 61.9161, 55.1593



54.3977, 61.9161, 95.1931



67.8831, 61.9161, 81.3661



# Rectangle

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



63.5376, 61.9161, 45.6480



55.2679, 61.9161, 44.7150



54.3977, 61.9161, 95.1931



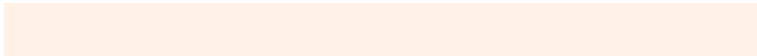
62.5823, 61.9161, 96.7348

# Sweetspot

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



63.5392, 61.9190, 45.6493



87.4111, 90.2860, 89.2011



62.1372, 51.4501, 68.8116



18.4599, 19.0043, 18.4586



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.



63.5392, 61.9190, 45.6493



68.7397, 65.6533, 43.7937



72.6813, 80.2032, 48.6966



16.3064, 16.8259, 16.5380



22.2192, 15.2364, 1.7698

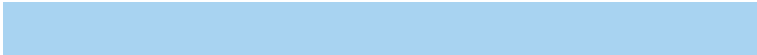


1.9440, 1.4588, 0.1791

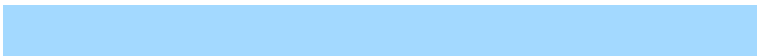


# Inverse Universe

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



55.3192, 61.2623, 92.1284



58.0772, 64.7915, 104.0528



47.4147, 45.4533, 89.4936



15.6711, 16.7762, 20.1338



13.9867, 14.1976, 47.1311



1.2613, 1.3765, 3.9534



# Previews

## White Background



This preview shows how the XYZ color 63.5376, 61.9161, 45.6480 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 63.5376, 61.9161, 45.6480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

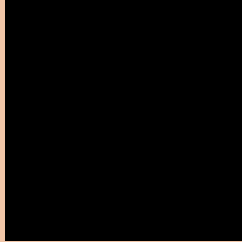
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 63.5376, 61.9161, 45.6480

## Background



This preview shows how black text looks on a background with the XYZ color 63.5376, 61.9161, 45.6480.



This preview shows how white text looks on a background with the XYZ color 63.5376, 61.9161,

45.6480.

# 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

63.5376, 61.9161, 45.6480

### Protanopia

58.4311, 62.0266, 47.9224

### Deuteranopia

63.1971, 61.7406, 45.6321



## Tritanopia

67.7683, 61.6167, 67.3529

# Trichromacy



## Original Color

63.5376, 61.9161, 45.6480

## Protanomaly

60.0707, 61.8209, 47.2946

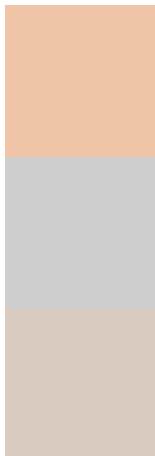
## Deuteranomaly

63.1971, 61.7406, 45.6321

## Tritanomaly

66.2257, 61.6669, 58.8645

# Monochromacy



## Original Color

63.5376, 61.9161, 45.6480

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

60.4319, 62.0961, 59.2527

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.5376, 61.9161, 45.6480 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(241, 198, 168)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 168)  
}
```

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(241, 198, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 168) }
```

## Border

The CSS property to change the border of an element to XYZ 63.5376, 61.9161, 45.6480 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(241, 198, 168) }
```



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

```
.border{ border-color:rgb(241, 198, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 198, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 198, 168);  
box-shadow:4px 4px 4px 4px rgb(241, 198,  
168) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.5376, 61.9161, 45.6480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 168) }
```

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

```
.background{ background-color: rgb(241,  
198, 168) }
```

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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