

# Converting Colors

XYZ(60.6582, 60.4451, 50.3713)

Have a look what the booklet for  
XYZ(60.6582, 60.4451, 50.3713)  
contains.

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# Color

**XYZ(60.5431, 60.2605,  
50.5600)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E5C6B2                    |
| RGB         | 229, 198, 178             |
| RGB Percent | 90%, 78%, 70%             |
| CMY         | 0.1020, 0.2235, 0.3020    |
| CMYK        | 0.00, 0.14, 0.22, 0.10    |
| HSL         | 24°, 50%, 80%             |
| HSV         | 24°, 22%, 90%             |
| XYZ         | 60.5431, 60.2605, 50.5600 |
| YIQ         | 204.9890, 24.8960, 0.3520 |

# Conversions

## Conversions Part 2

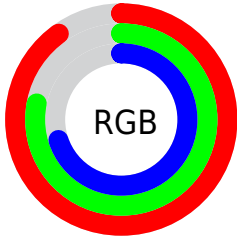
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 229, 211, 178                  |
| Decimal                             | 15058610                       |
| CIE Lab                             | 81.98, 7.88, 14.06             |
| CIE LCh                             | 82, 16.115, 60.717             |
| Yxy                                 | 60.2605, 0.3533,<br>0.3517     |
| Android<br>(android.graphics.Color) | 4293248690<br>(0xFFE5C6B2)     |
| YUV                                 | 204.9890, -13.3056,<br>21.0576 |
| Hunter-Lab                          | 77.6276, 3.3668,<br>15.7229    |

# Details

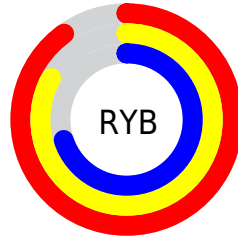
The XYZ color **60.5431, 60.2605, 50.5600** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **55.3031, 60.7217, 82.9349**, and the grayscale version is **58.0935, 61.1189, 66.5585**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **30.9085, 30.3114, 23.6237** is the 20% darker color. If you saturate the color by 10%, you get **55.3970, 53.3456, 38.4321**, and if you desaturate by 10%, it is **66.3687, 67.9192, 64.8094**.

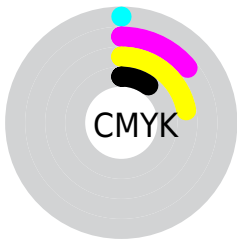
# Distribution



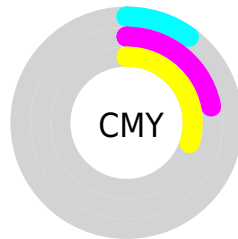
- Red (90%)
- Green (78%)
- Blue (70%)



- Red (90%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (10%)




- Cyan (10%)
- Magenta (22%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5431, 60.2605, 50.5600 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 60.5431, 60.2605, 50.5600 by changing the saturation by 10% instead.





 60.5431, 60.2605,  
50.5600

 60.5431, 60.2605,  
50.5600


416.3995,  
425.5573, 405.6495

 44.1077, 43.6286,  
35.4843


 104.7190,  
105.2075, 92.4089

 30.9534, 30.3787,  
23.7496


133.1901,  
134.2914, 120.0191

 20.7150, 20.1262,  
14.9375


166.4039,  
168.2947, 152.6446

 13.0271, 12.4868,  
8.6294

204.7256,  
207.6019, 190.7038

 7.5244, 7.0761,  
4.4068

248.5207,  
252.5974, 234.6154

 3.8414, 3.5098,  
1.8510

298.1545,

 1.6128, 1.4033,

303.6655, 284.7978

0.4613

353.9923,  
361.1907, 341.6697

■ 0.4007, 0.2192,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.5431, 60.2605,  
50.5600

■ 60.5431, 60.2605,  
50.5600

■ 55.3970, 53.3456,  
38.4321

■ 66.3687, 67.9192,  
64.8094

■ 50.8986, 47.1428,  
28.3190

■ 72.8941, 76.3355,  
81.2724

■ 47.0207, 41.6305,  
20.1104

■ 80.1449, 85.5333,  
100.0401

■ 43.7321, 36.7822,  
13.6839

■ 85.7025, 94.5566,  
108.3420

40.9983, 32.5699,  
8.9022

86.1233, 95.3981,  
108.4822

38.7804, 28.9630,  
5.6080

37.0332, 25.9271,  
3.6121

35.9546, 23.9407,  
2.7260

# Harmonies

## Analogous

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



63.0996, 60.2605, 56.4815



60.5431, 60.2605, 50.5600



57.1938, 60.2605, 48.5710

# Triad

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



60.5431, 60.2605, 50.5600



50.9665, 60.2605, 65.8487



60.6907, 60.2605, 83.1171

# Complementary

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



60.5431, 60.2605, 50.5600



55.3031, 60.7217, 82.9349

# 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.



57.3579, 60.2605, 86.2380



60.5431, 60.2605, 50.5600



51.8218, 60.2605, 75.6802

# Square

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



60.5431, 60.2605, 50.5600



51.7451, 60.2605, 56.8505



54.1282, 60.2605, 83.3925



63.1871, 60.2605, 75.2335



# Rectangle

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



60.5431, 60.2605, 50.5600



54.9875, 60.2605, 49.5702



54.1282, 60.2605, 83.3925



59.6267, 60.2605, 84.7911

# Sweetspot

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



60.5447, 60.2632, 50.5613



88.9443, 92.1758, 93.3396



59.7986, 53.1254, 67.7173



18.9296, 19.5899, 19.7058



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

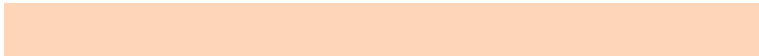


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5447, 60.2632, 50.5613



73.9523, 72.4784, 56.6301



66.7506, 72.6750, 52.6299



14.8384, 15.2906, 15.0738



20.6661, 13.9064, 1.5950



1.6155, 1.2043, 0.1473

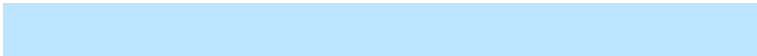


# Inverse Universe

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



55.3031, 60.7217, 82.9349



66.0780, 73.1615, 105.2467



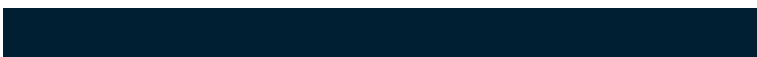
49.6338, 49.3832, 81.0452



14.3081, 15.3376, 18.3507



13.5001, 14.0622, 44.3859



1.0874, 1.2188, 3.3099



# Previews

## White Background



This preview shows how the XYZ color 60.5431, 60.2605, 50.5600 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

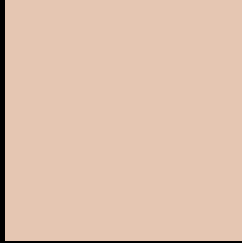
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.5431, 60.2605, 50.5600 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 60.5431, 60.2605, 50.5600**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5431, 60.2605, 50.5600.



This preview shows how white text looks on a background with the XYZ color 60.5431, 60.2605,

50.5600.

# 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

60.5431, 60.2605, 50.5600

### Protanopia

57.1370, 60.1942, 52.3233

### Deuteranopia

61.3801, 60.0178, 50.4690



## Tritanopia

64.4047, 60.5107, 68.6068

# Trichromacy



## Original Color

60.5431, 60.2605, 50.5600

## Protanomaly

58.3383, 60.1286, 51.7112

## Deuteranomaly

61.2808, 60.3027, 50.5292

## Tritanomaly

62.9869, 60.2632, 61.7383

# Monochromacy



## Original Color

60.5431, 60.2605, 50.5600

## Achromatopsia

58.0276, 61.0496, 66.4830

## Achromatomaly

58.7024, 60.4773, 60.2091

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5431, 60.2605, 50.5600 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(229, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(229, 198, 178)  
}
```

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(229, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 198, 178) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5431, 60.2605, 50.5600 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(229, 198, 178) }
```



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

```
.border{ border-color:rgb(229, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(229, 198,  
178) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5431, 60.2605, 50.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 198, 178) }
```

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

```
.background{ background-color: rgb(229,  
198, 178) }
```

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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