

Converting Colors

XYZ(60.7369, 61.4489, 55.1985)

Have a look what the booklet for
XYZ(60.7369, 61.4489, 55.1985)
contains.

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Color

**XYZ(60.4900, 61.1658,
55.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9BA
RGB	224, 201, 186
RGB Percent	88%, 79%, 73%
CMY	0.1216, 0.2117, 0.2706
CMYK	0.00, 0.10, 0.17, 0.12
HSL	24°, 38%, 80%
HSV	24°, 17%, 88%
XYZ	60.4900, 61.1658, 55.0724
YIQ	206.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

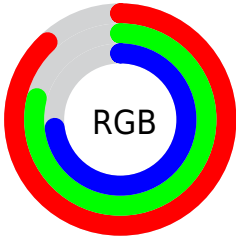
Format	Color
R _Y B	224, 211, 186
Decimal	14731706
CIE Lab	82.47, 5.65, 10.42
CIE LCh	82, 11.855, 61.525
Yxy	61.1658, 0.3423, 0.3461
Android (android.graphics.Color)	4292921786 (0xFFE0C9BA)
YUV	206.1670, -9.9423, 15.6395
Hunter-Lab	78.2086, 1.1949, 12.9956

Details

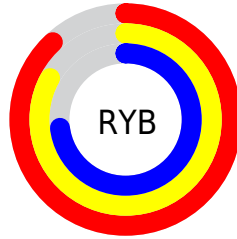
The XYZ color **60.4900, 61.1658, 55.0724** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5042, 61.4202, 79.3985**, and the grayscale version is **58.8279, 61.8916, 67.3999**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **30.8158, 30.8857, 26.5277** is the 20% darker color. If you saturate the color by 10%, you get **55.2715, 54.2454, 42.4909**, and if you desaturate by 10%, it is **66.3640, 68.7988, 69.7156**.

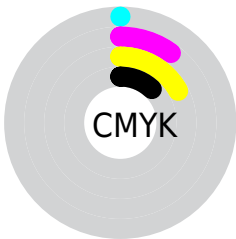
Distribution



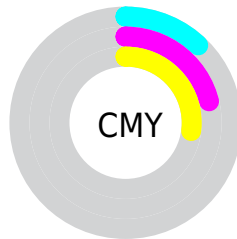
- Red (88%)
- Green (79%)
- Blue (73%)



- Red (88%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (12%)





- Cyan (12%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4900, 61.1658, 55.0724 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 60.4900, 61.1658, 55.0724 by changing the saturation by 10% instead.


 60.4900, 61.1658,
55.0724

 60.4900, 61.1658,
55.0724


416.2074,
428.8817, 423.4760

 44.0647, 44.3590,
39.0607


 104.6425,
106.5190, 99.1192

 30.9195, 30.9528,
26.4988


133.1003,
135.8341, 127.9915

 20.6891, 20.5629,
16.9680


166.2997,
170.0875, 161.9876

 13.0081, 12.8049,
10.0500

204.6060,
209.6635, 201.5262

 7.5111, 7.2943,
5.3261

248.3846,
254.9465, 247.0258

 3.8329, 3.6468,
2.3778

298.0008,

 1.6081, 1.4780,

306.3210, 298.9049

0.7743

353.8199,
364.1712, 357.5822

■ 0.3977, 0.2732,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4900, 61.1658,
55.0724

■ 60.4900, 61.1658,
55.0724

■ 55.2715, 54.2454,
42.4909

■ 66.3640, 68.7988,
69.7156

■ 50.6791, 48.0081,
31.8734

■ 72.9117, 77.1564,
86.5043

■ 46.6883, 42.4342,
23.1202

■ 80.1568, 86.2608,
105.5223

■ 43.2707, 37.4999,
16.1211

■ 84.5506, 94.5874,
108.4086

■ 40.3957, 33.1798,
10.7541

■ 38.0289, 29.4465,
6.8813

■ 36.1312, 26.2697,
4.3417

■ 34.6540, 23.6146,
2.9269

■ 34.2672, 22.9006,
2.6142

Harmonies

Analogous

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



62.3886, 61.1658, 59.5672



60.4900, 61.1658, 55.0724



58.0067, 61.1658, 53.6030

Triad

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



60.4900, 61.1658, 55.0724



53.4011, 61.1658, 66.9712



60.7209, 61.1658, 79.2140

Complementary

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



60.4900, 61.1658, 55.0724



56.5042, 61.4202, 79.3985

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.



58.2660, 61.1658, 81.5425



60.4900, 61.1658, 55.0724



54.0817, 61.1658, 74.1639

Square

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



60.4900, 61.1658, 55.0724



53.9582, 61.1658, 60.1662



55.8444, 61.1658, 79.6315



62.5246, 61.1658, 73.4750

Rectangle

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



60.4900, 61.1658, 55.0724



56.3671, 61.1658, 54.4451



55.8444, 61.1658, 79.6315



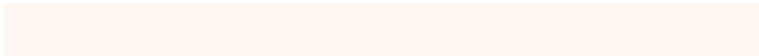
59.9421, 61.1658, 80.4395

Sweetspot

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



60.4917, 61.1685, 55.0737



90.6524, 94.3815, 97.6410



59.8623, 55.5908, 68.1788



19.2750, 20.0368, 20.5732



0.0000, 0.0000, 0.0000



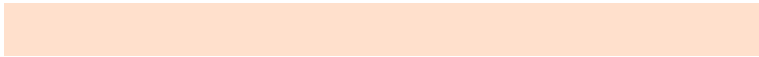
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4917, 61.1685, 55.0737



78.8318, 79.0050, 68.2214



65.0834, 70.3521, 56.6043



14.1490, 14.5840, 14.3760



20.0507, 13.5392, 1.5565



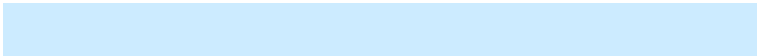
1.4753, 1.1096, 0.1364

Inverse Universe

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



56.5042, 61.4202, 79.3985



72.6207, 79.3952, 106.1050



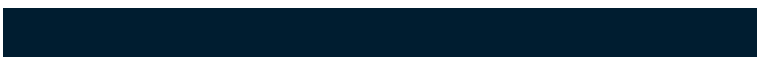
52.2124, 52.8367, 77.9679



13.6387, 14.6165, 17.4901



13.0346, 13.5388, 42.9746



0.9901, 1.1116, 3.0076

Previews

White Background



This preview shows how the XYZ color 60.4900, 61.1658, 55.0724 looks on a white background.

Color Contrast Check

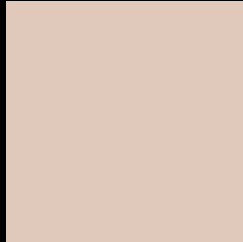
Large Text (above 18pt) WCAG AA × Fail

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 60.4900, 61.1658, 55.0724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

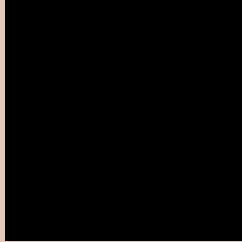
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4900, 61.1658, 55.0724

Background



This preview shows how black text looks on a background with the XYZ color 60.4900, 61.1658, 55.0724.



This preview shows how white text looks on a background with the XYZ color 60.4900, 61.1658,

55.0724.

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

60.4900, 61.1658, 55.0724

Protanopia

58.3490, 61.4396, 56.3607

Deuteranopia

62.4424, 61.1318, 55.5223



Tritanopia

63.5285, 61.0169, 70.7165

Trichromacy



Original Color

60.4900, 61.1658, 55.0724

Protanomaly

59.1778, 61.5253, 55.7703

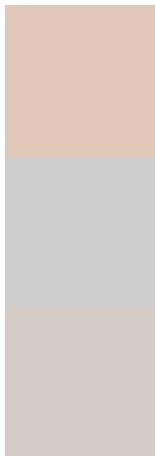
Deuteranomaly

61.7062, 61.0927, 55.5535

Tritanomaly

62.3376, 60.8687, 64.9632

Monochromacy



Original Color

60.4900, 61.1658, 55.0724

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3422, 61.4554, 62.7672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4900, 61.1658, 55.0724 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(224, 201, 186)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 186)  
}
```

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(224, 201, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.4900, 61.1658, 55.0724 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(224, 201, 186) }
```


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

```
.border{ border-color:rgb(224, 201, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 186);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4900, 61.1658, 55.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 186) }
```

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

```
.background{ background-color: rgb(224,  
201, 186) }
```

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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