

Converting Colors

XYZ(59.7040, 61.3985, 51.2961)

Have a look what the booklet for
XYZ(59.7040, 61.3985, 51.2961)
contains.

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Color

**XYZ(59.9240, 61.6545,
51.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCBB3
RGB	223, 203, 179
RGB Percent	87%, 80%, 70%
CMY	0.1255, 0.2039, 0.2980
CMYK	0.00, 0.09, 0.20, 0.13
HSL	33°, 41%, 79%
HSV	33°, 20%, 87%
XYZ	59.9240, 61.6545, 51.3900
YIQ	206.2440, 19.6240, -3.2240

Conversions

Conversions Part 2

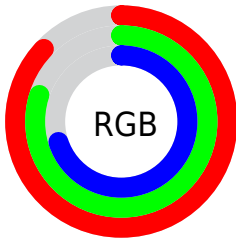
Format	Color
R _Y B	216, 223, 179
Decimal	14666675
CIE Lab	82.73, 3.18, 14.51
CIE LCh	83, 14.850, 77.638
Yxy	61.6545, 0.3464, 0.3564
Android (android.graphics.Color)	4292856755 (0xFFDFCBB3)
YUV	206.2440, -13.4313, 14.6950
Hunter-Lab	78.5204, -1.1857, 16.1602

Details

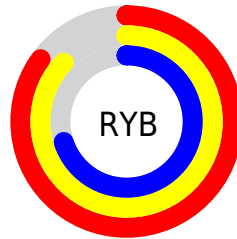
The XYZ color **59.9240, 61.6545, 51.3900** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3327, 55.7569, 77.8163**, and the grayscale version is **58.8984, 61.9657, 67.4807**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **30.4497, 31.2167, 24.1592** is the 20% darker color. If you saturate the color by 10%, you get **55.5335, 56.1953, 39.6847**, and if you desaturate by 10%, it is **64.8391, 67.5781, 65.0711**.

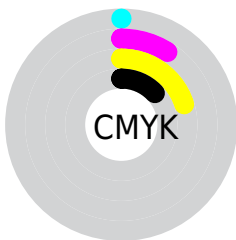
Distribution



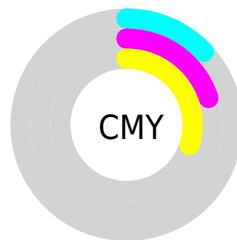
- Red (87%)
- Green (80%)
- Blue (70%)



- Red (85%)
- Yellow (87%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9240, 61.6545, 51.3900 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 59.9240, 61.6545, 51.3900 by changing the saturation by 10% instead.


 59.9240, 61.6545,
51.3900

 59.9240, 61.6545,
51.3900


414.1568,
430.6697, 408.9669

 43.6066, 44.7536,
36.1402


 103.8264,
107.2260, 93.6484

 30.5579, 31.2634,
24.2519


132.1421,
136.6654, 121.4941

 20.4126, 20.7995,
15.3067

165.1879,
171.0531, 154.3755

 12.8053, 12.9775,
8.8859

203.3293,
210.7735, 192.7111

 7.3707, 7.4131,
4.5710

246.9315,
256.2110, 236.9195

 3.7434, 3.7217,
1.9436

296.3599,

 1.5580, 1.5192,

307.7499, 287.4192

0.5202

351.9799,
365.7747, 344.6288

■ 0.3648, 0.3022,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9240, 61.6545,
51.3900

■ 59.9240, 61.6545,
51.3900

■ 55.5335, 56.1953,
39.6847

■ 64.8391, 67.5781,
65.0711

■ 51.6421, 51.1792,
29.8581

■ 70.2930, 73.9700,
80.8109

■ 48.2295, 46.5954,
21.8107

■ 76.3055, 80.8448,
98.6926

■ 45.2717, 42.4292,
15.4322

■ 80.6945, 87.3340,
107.2118

■ 42.7425, 38.6648,
10.5997

■ 83.8206, 93.5861,
108.2539

■ 40.6121, 35.2850,
7.1732

■ 84.2416, 94.4280,
108.3942

■ 38.8456, 32.2702,
4.9868

■ 37.3862, 29.5920,
3.7586

■ 37.3494, 29.5237,
3.7301

Harmonies

Analogous

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



62.8324, 61.6545, 54.9680



59.9240, 61.6545, 51.3900



56.7615, 61.6545, 51.7411

Triad

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



59.9240, 61.6545, 51.3900



52.9466, 61.6545, 72.5968



63.2516, 61.6545, 79.6795

Complementary

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



59.9240, 61.6545, 51.3900



52.3327, 55.7569, 77.8163

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.



60.4793, 61.6545, 85.3056



59.9240, 61.6545, 51.3900



54.5635, 61.6545, 80.9683

Square

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



59.9240, 61.6545, 51.3900



52.8101, 61.6545, 63.4396



57.2971, 61.6545, 85.7976



64.7999, 61.6545, 70.9635

Rectangle

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



59.9240, 61.6545, 51.3900



54.9337, 61.6545, 54.1572



57.2971, 61.6545, 85.7976



62.4275, 61.6545, 82.0277

Sweetspot

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



59.9256, 61.6573, 51.3913



90.5055, 94.6972, 95.7128



56.9230, 52.0773, 61.4105



19.2695, 20.1486, 20.1927



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.



59.9256, 61.6573, 51.3913



78.4757, 80.1872, 62.2628



64.5062, 71.4864, 53.0471



14.3238, 14.9336, 14.4343



22.0752, 17.5884, 2.2314



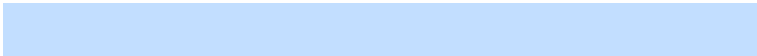
1.6193, 1.3975, 0.1844

Inverse Universe

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



52.3327, 55.7569, 77.8163



66.2651, 70.6995, 104.7616



48.3714, 47.3282, 76.3981



13.4625, 14.2642, 17.4314



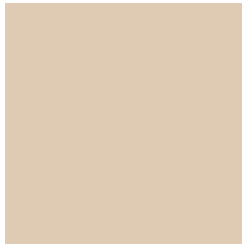
10.6972, 8.8639, 42.1955



0.8301, 0.7916, 2.9543

Previews

White Background



This preview shows how the XYZ color 59.9240, 61.6545, 51.3900 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 59.9240, 61.6545, 51.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

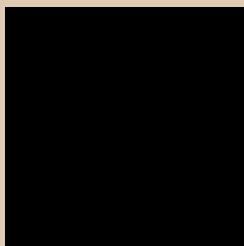
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

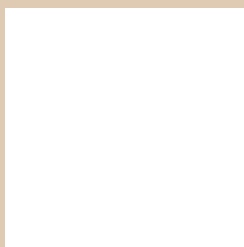
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9240, 61.6545, 51.3900

Background



This preview shows how black text looks on a background with the XYZ color 59.9240, 61.6545, 51.3900.



This preview shows how white text looks on a background with the XYZ color 59.9240, 61.6545,

51.3900.

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

59.9240, 61.6545, 51.3900

Protanopia

58.3884, 61.5569, 51.9843

Deuteranopia

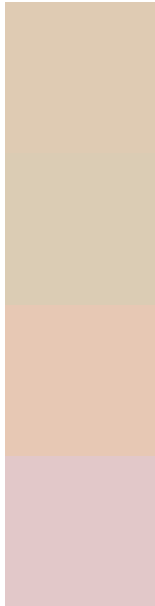
62.6933, 61.3456, 51.7166



Tritanopia

64.0102, 61.5741, 72.1296

Trichromacy



Original Color

59.9240, 61.6545, 51.3900

Protanomaly

59.0445, 61.5411, 51.9467

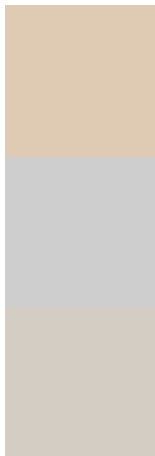
Deuteranomaly

61.8475, 61.5928, 51.8089

Tritanomaly

62.5609, 61.6944, 63.8692

Monochromacy



Original Color

59.9240, 61.6545, 51.3900

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9465, 61.6452, 61.0165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9240, 61.6545, 51.3900 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(223, 203, 179)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 179)  
}
```

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(223, 203, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 179) }
```

Border

The CSS property to change the border of an element to XYZ 59.9240, 61.6545, 51.3900 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(223, 203, 179) }
```


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

```
.border{ border-color:rgb(223, 203, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 203, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 203, 179); box-shadow:4px 4px 4px 4px rgb(223, 203, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9240, 61.6545, 51.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 179) }
```

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

```
.background{ background-color: rgb(223,  
203, 179) }
```

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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