

Converting Colors

XYZ(61.9680, 64.0549, 53.6951)

Have a look what the booklet for
XYZ(61.9680, 64.0549, 53.6951)
contains.

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Color

**XYZ(61.9114, 64.0521,
53.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CFB7
RGB	225, 207, 183
RGB Percent	88%, 81%, 72%
CMY	0.1176, 0.1882, 0.2823
CMYK	0.00, 0.08, 0.19, 0.12
HSL	34°, 41%, 80%
HSV	34°, 19%, 88%
XYZ	61.9114, 64.0521, 53.9000
YIQ	209.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

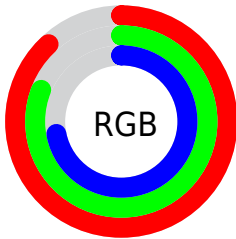
Format	Color
R _Y B	215, 225, 183
Decimal	14798775
CIE Lab	83.99, 2.42, 14.19
CIE LCh	84, 14.395, 80.316
Yxy	64.0521, 0.3442, 0.3561
Android (android.graphics.Color)	4292988855 (0xFFE1CFB7)
YUV	209.6460, -13.1365, 13.4655
Hunter-Lab	80.0326, -1.9734, 16.0924

Details

The XYZ color **61.9114, 64.0521, 53.9000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0054, 57.2755, 79.4435**, and the grayscale version is **61.1028, 64.2849, 70.0063**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.7827, 32.8292, 25.7806** is the 20% darker color. If you saturate the color by 10%, you get **57.4899, 58.6618, 41.7811**, and if you desaturate by 10%, it is **66.8534, 69.8831, 68.0409**.

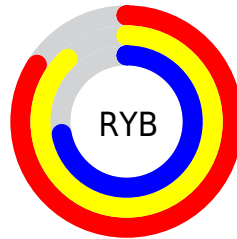
Distribution



Red (88%)

Green (81%)

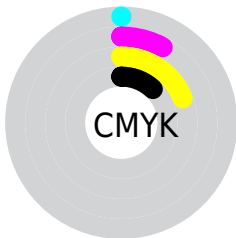
Blue (72%)



Red (84%)

Yellow (88%)

Blue (72%)

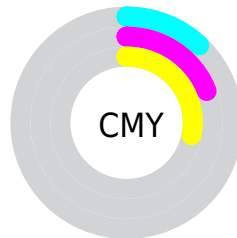


Cyan (0%)

Magenta (8%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9114, 64.0521, 53.9000 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 61.9114, 64.0521, 53.9000 by changing the saturation by 10% instead.

■ 61.9114, 64.0521,
53.9000

■ 61.9114, 64.0521,
53.9000

421.3305,
439.3778, 418.8924

■ 45.2164, 46.6929,
38.1291

■ 106.6881,
110.6860, 97.3823

■ 31.8299, 32.7929,
25.7803

135.5006,
140.7294, 125.9308

■ 21.3866, 21.9679,
16.4350

169.0830,
175.7697, 159.5756

■ 13.5209, 13.8333,
9.6748

207.8006,
216.1912, 198.7352

■ 7.8677, 8.0048,
5.0811

252.0188,
262.3784, 243.8281

■ 4.0615, 4.0980,
2.2354

302.1029,

■ 1.7370, 1.7285,

314.7156, 295.2729

0.6947

358.4184,
373.5873, 353.4882

■ 0.4793, 0.4420,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9114, 64.0521,
53.9000

■ 61.9114, 64.0521,
53.9000

■ 57.4899, 58.6618,
41.7811

■ 66.8534, 69.8831,
68.0409

■ 53.5635, 53.6916,
31.5858

■ 72.3297, 76.1578,
84.2879

■ 50.1121, 49.1313,
23.2135

■ 78.3601, 82.8902,
102.7250

■ 47.1121, 44.9674,
16.5528

■ 81.9259, 88.8763,
107.4446

■ 44.5372, 41.1849,
11.4798

■ 84.8615, 94.7476,
108.4232

■ 42.3583, 37.7675,
7.8538

■ 40.5409, 34.6969,
5.5087

■ 39.0349, 31.9481,
4.1954

■ 38.8487, 31.6019,
4.0522

Harmonies

Analogous

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



64.8582, 64.0521, 57.1432



61.9114, 64.0521, 53.9000



58.7862, 64.0521, 54.6087

Triad

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



61.9114, 64.0521, 53.9000



55.3366, 64.0521, 75.9847



65.6955, 64.0521, 81.5021

Complementary

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



61.9114, 64.0521, 53.9000



54.0054, 57.2755, 79.4435

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.



63.0221, 64.0521, 87.4405



61.9114, 64.0521, 53.9000



57.0671, 64.0521, 84.0682

Square

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



61.9114, 64.0521, 53.9000



55.0626, 64.0521, 66.8445



59.8593, 64.0521, 88.4183



67.0925, 64.0521, 72.7218

Rectangle

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



61.9114, 64.0521, 53.9000



57.0177, 64.0521, 57.2519



59.8593, 64.0521, 88.4183



64.9121, 64.0521, 83.9278

Sweetspot

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



61.9131, 64.0550, 53.9014



90.6279, 94.9419, 95.7536



58.5517, 54.1018, 62.7392



19.2985, 20.2064, 20.2023



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.



61.9131, 64.0550, 53.9014



80.1028, 82.5101, 65.6761



65.6585, 72.8310, 55.3979



14.3543, 14.9945, 14.4445



22.5044, 18.4468, 2.3745



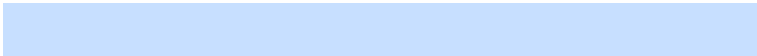
1.6482, 1.4553, 0.1940

Inverse Universe

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



54.0054, 57.2755, 79.4435



67.9475, 72.0900, 104.9413



50.7261, 49.7182, 78.1576



13.4325, 14.2042, 17.4214



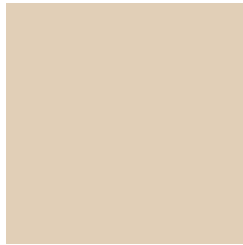
10.3740, 8.2176, 42.0877



0.8066, 0.7447, 2.9465

Previews

White Background



This preview shows how the XYZ color 61.9114, 64.0521, 53.9000 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 61.9114, 64.0521, 53.9000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

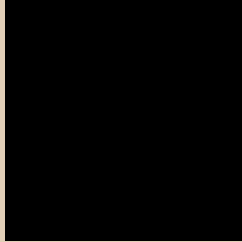
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9114, 64.0521, 53.9000

Background



This preview shows how black text looks on a background with the XYZ color 61.9114, 64.0521, 53.9000.



This preview shows how white text looks on a background with the XYZ color 61.9114, 64.0521,

53.9000.

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

61.9114, 64.0521, 53.9000

Protanopia

60.6656, 64.1217, 54.5267

Deuteranopia

65.3689, 64.0525, 54.2655



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

61.9114, 64.0521, 53.9000

Protanomaly

61.0264, 63.9446, 54.4735

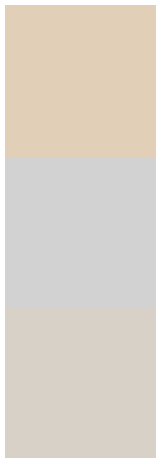
Deuteranomaly

64.1763, 64.1388, 54.3450

Tritanomaly

64.6072, 64.0875, 66.7226

Monochromacy



Original Color

61.9114, 64.0521, 53.9000

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2501, 64.2181, 63.8107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9114, 64.0521, 53.9000 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(225, 207, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 183)  
}
```

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(225, 207, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.9114, 64.0521, 53.9000 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(225, 207, 183) }
```


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

```
.border{ border-color:rgb(225, 207, 183) }
```

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

Here you see how a box with a 4 pixel rgb(225, 207, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9114, 64.0521, 53.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 183) }
```

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

```
.background{ background-color: rgb(225,  
207, 183) }
```

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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