

Converting Colors

XYZ(60.8452, 61.8984, 53.5012)

Have a look what the booklet for
XYZ(60.8452, 61.8984, 53.5012)
contains.

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Color

**XYZ(60.7191, 61.6675,
53.5025)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CAB7
RGB	225, 202, 183
RGB Percent	88%, 79%, 72%
CMY	0.1176, 0.2078, 0.2823
CMYK	0.00, 0.10, 0.19, 0.12
HSL	27°, 41%, 80%
HSV	27°, 19%, 88%
XYZ	60.7191, 61.6675, 53.5025
YIQ	206.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

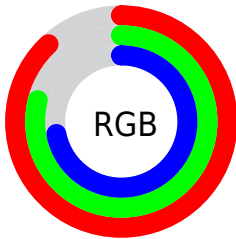
Format	Color
R _Y B	225, 218, 183
Decimal	14797495
CIE Lab	82.74, 5.04, 12.41
CIE LCh	83, 13.396, 67.912
Yxy	61.6675, 0.3452, 0.3506
Android (android.graphics.Color)	4292987575 (0xFFE1CAB7)
YUV	206.7110, -11.6895, 16.0395
Hunter-Lab	78.5287, 0.5927, 14.5751

Details

The XYZ color **60.7191, 61.6675, 53.5025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1900, 59.6447, 79.8384**, and the grayscale version is **59.1875, 62.2698, 67.8118**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **30.9814, 31.2265, 25.5135** is the 20% darker color. If you saturate the color by 10%, you get **55.7863, 55.2545, 41.2131**, and if you desaturate by 10%, it is **66.2604, 68.6973, 67.8432**.

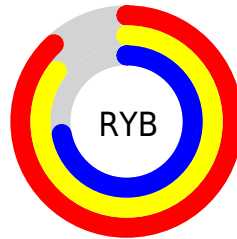
Distribution



Red (88%)

Green (79%)

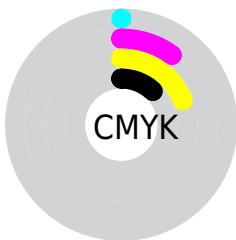
Blue (72%)



Red (88%)

Yellow (85%)

Blue (72%)

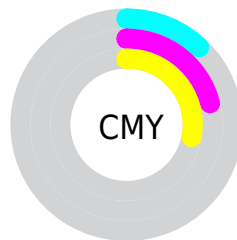


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (12%)



Cyan (12%)


Magenta (21%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7191, 61.6675, 53.5025 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 60.7191, 61.6675, 53.5025 by changing the saturation by 10% instead.


 60.7191, 61.6675,
53.5025

 60.7191, 61.6675,
53.5025


417.0357,
430.7172, 417.3309

 44.2502, 44.7641,
37.8136


 104.9725,
107.2448, 96.7924

 31.0660, 31.2716,
25.5373


133.4878,
136.6875, 125.2305

 20.8012, 20.8058,
16.2552


166.7491,
171.0788, 158.7554

 13.0904, 12.9821,
9.5486

205.1220,
210.8030, 197.7856

 7.5682, 7.4162,
4.9990

248.9718,
256.2446, 242.7398

 3.8694, 3.7237,
2.1880

298.6637,

 1.6285, 1.5203,

307.7878, 294.0363

0.6674

354.5632,
365.8173, 352.0939

■ 0.4109, 0.3029,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7191, 61.6675,
53.5025

■ 60.7191, 61.6675,
53.5025

■ 55.7863, 55.2545,
41.2131

■ 66.2604, 68.6973,
67.8432

■ 51.4339, 49.4323,
30.8758

■ 72.4271, 76.3526,
84.3202

■ 47.6388, 44.1847,
22.3890

■ 79.2413, 84.6525,
103.0186

■ 44.3743, 39.4919,
15.6401

■ 83.6868, 92.3983,
108.0316

■ 41.6110, 35.3324,
10.5044

■ 84.8615, 94.7477,
108.4232

■ 39.3161, 31.6831,
6.8397

■ 37.4516, 28.5183,
4.4790

■ 35.9634, 25.8050,
3.1716

■ 35.7842, 25.4730,
3.0307

Harmonies

Analogous

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



63.0892, 61.6675, 57.8690



60.7191, 61.6675, 53.5025



57.8545, 61.6675, 52.6370

Triad

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



60.7191, 61.6675, 53.5025



53.3001, 61.6675, 69.3511



62.0802, 61.6675, 80.4439

Complementary

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



60.7191, 61.6675, 53.5025



55.1900, 59.6447, 79.8384

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.



59.3783, 61.6675, 84.1013



60.7191, 61.6675, 53.5025



54.3539, 61.6675, 77.3637

Square

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



60.7191, 61.6675, 53.5025



53.6327, 61.6675, 61.3595



56.5564, 61.6675, 82.9303



63.8927, 61.6675, 73.2841

Rectangle

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



60.7191, 61.6675, 53.5025



56.0602, 61.6675, 54.0896



56.5564, 61.6675, 82.9303



61.2424, 61.6675, 82.1493

Sweetspot

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



60.7208, 61.6703, 53.5038



90.0692, 93.8247, 95.5674



59.1382, 54.3364, 65.8279



19.1665, 19.9424, 20.1583



0.0000, 0.0000, 0.0000



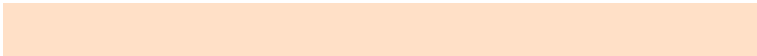
20.3446, 21.4041, 23.3091

Same Dimension

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



60.7208, 61.6703, 53.5038



78.2694, 78.8432, 65.0650



65.9601, 72.1489, 55.2502



14.2155, 14.7169, 14.3982



20.7337, 14.9054, 1.7842



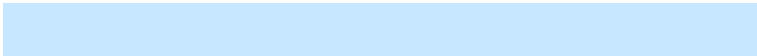
1.5257, 1.2103, 0.1532

Inverse Universe

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



55.1900, 59.6447, 79.8384



69.7666, 75.7283, 105.5477



50.4897, 50.2441, 78.2716



13.5709, 14.4809, 17.4675



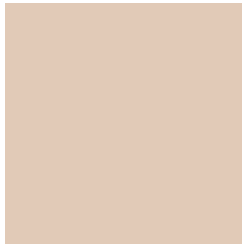
12.0450, 11.5596, 42.6448



0.9240, 0.9795, 2.9856

Previews

White Background



This preview shows how the XYZ color 60.7191, 61.6675, 53.5025 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 60.7191, 61.6675, 53.5025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

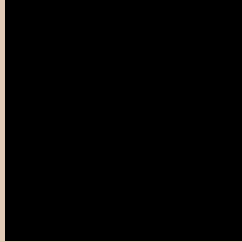
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7191, 61.6675, 53.5025

Background



This preview shows how black text looks on a background with the XYZ color 60.7191, 61.6675, 53.5025.



This preview shows how white text looks on a background with the XYZ color 60.7191, 61.6675,

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

60.7191, 61.6675, 53.5025

Protanopia

58.6126, 61.6125, 54.7021

Deuteranopia

63.0068, 61.8000, 53.9552



Tritanopia

64.5174, 61.8503, 71.4887

Trichromacy



Original Color

60.7191, 61.6675, 53.5025

Protanomaly

59.4580, 61.7065, 54.1242

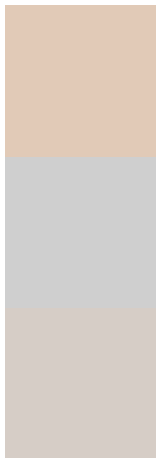
Deuteranomaly

62.2610, 61.7582, 53.9864

Tritanomaly

63.0790, 61.6051, 64.4435

Monochromacy



Original Color

60.7191, 61.6675, 53.5025

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7559, 62.0360, 62.2508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7191, 61.6675, 53.5025 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, 202, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 202, 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, 202, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 202, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.7191, 61.6675, 53.5025 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, 202, 183) }
```


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

```
.border{ border-color:rgb(225, 202, 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, 202, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 202, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 202, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 202,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7191, 61.6675, 53.5025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 202, 183) }
```

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

```
.background{ background-color: rgb(225,  
202, 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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