

Converting Colors

XYZ(62.7407, 65.2745, 53.3003)

Have a look what the booklet for
XYZ(62.7407, 65.2745, 53.3003)
contains.

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Color

**XYZ(62.6080, 65.1471,
53.5308)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1B6
RGB	226, 209, 182
RGB Percent	89%, 82%, 71%
CMY	0.1137, 0.1804, 0.2863
CMYK	0.00, 0.08, 0.19, 0.11
HSL	37°, 43%, 80%
HSV	37°, 19%, 89%
XYZ	62.6080, 65.1471, 53.5308
YIQ	211.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

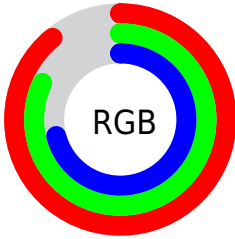
Format	Color
R _Y B	210, 226, 182
Decimal	14864822
CIE Lab	84.56, 1.60, 15.53
CIE LCh	85, 15.610, 84.122
Yxy	65.1471, 0.3454, 0.3594
Android (android.graphics.Color)	4293054902 (0xFFE2D1B6)
YUV	211.0050, -14.2995, 13.1506
Hunter-Lab	80.7138, -2.7903, 17.1774

Details

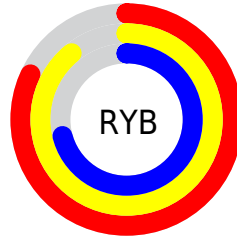
The XYZ color **62.6080, 65.1471, 53.5308** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4420, 56.2816, 79.9987**, and the grayscale version is **62.0044, 65.2335, 71.0393**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.2614, 33.5737, 25.5489** is the 20% darker color. If you saturate the color by 10%, you get **58.3754, 60.1226, 41.5120**, and if you desaturate by 10%, it is **67.3384, 70.5629, 67.5767**.

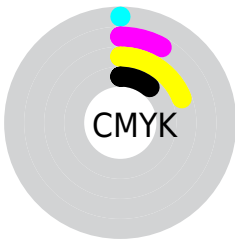
Distribution



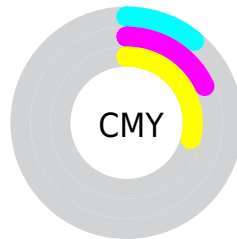
- Red (89%)
- Green (82%)
- Blue (71%)



- Red (82%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6080, 65.1471, 53.5308 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 62.6080, 65.1471, 53.5308 by changing the saturation by 10% instead.

 62.6080, 65.1471,
53.5308

 62.6080, 65.1471,
53.5308


423.8277,
443.3204, 417.4422

 45.7816, 47.5804,
37.8361


 107.6888,
112.2613, 96.8344

 32.2774, 33.4947,
25.5546


136.6739,
142.5776, 125.2804

 21.7301, 22.5057,
16.2680


170.4426,
177.9125, 158.8138

 13.7742, 14.2289,
9.5576

209.3602,
218.6504, 197.8533

 8.0444, 8.2801,
5.0049

253.7922,
265.1758, 242.8173

 4.1754, 4.2747,
2.1913

304.1039,

 1.8019, 1.8284,

317.8730, 294.1244

0.6694

360.6606,
377.1264, 352.1932

■ 0.5188, 0.5048,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6080, 65.1471,
53.5308

■ 62.6080, 65.1471,
53.5308

■ 58.3754, 60.1226,
41.5120

■ 67.3384, 70.5629,
67.5767

■ 54.6156, 55.4698,
31.4205

■ 72.5801, 76.3718,
83.7350

■ 51.3088, 51.1800,
23.1542

■ 78.3524, 82.5864,
102.0908

■ 48.4316, 47.2407,
16.5998

■ 81.7419, 88.0442,
107.2937

■ 45.9583, 43.6383,
11.6312

■ 84.4300, 93.4204,
108.1898

■ 43.8596, 40.3579,
8.1046

■ 85.1742, 94.9088,
108.4378

■ 42.1012, 37.3823,
5.8499

■ 40.6281, 34.6860,
4.5882

■ 40.5543, 34.5491,
4.5312

Harmonies

Analogous

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



65.9245, 65.1471, 56.5143



62.6080, 65.1471, 53.5308



59.2262, 65.1471, 54.8448

Triad

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



62.6080, 65.1471, 53.5308



56.0129, 65.1471, 79.0563



67.5009, 65.1471, 82.7660

Complementary

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



62.6080, 65.1471, 53.5308



53.4420, 56.2816, 79.9987

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.



64.6950, 65.1471, 89.8974



62.6080, 65.1471, 53.5308



58.0817, 65.1471, 87.6191

Square

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



62.6080, 65.1471, 53.5308



55.5009, 65.1471, 68.9901



61.2378, 65.1471, 91.7515



68.8166, 65.1471, 72.9144

Rectangle

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



62.6080, 65.1471, 53.5308



57.3785, 65.1471, 58.0498



61.2378, 65.1471, 91.7515



66.6958, 65.1471, 85.5964

Sweetspot

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



62.6097, 65.1500, 53.5322



90.8272, 95.3406, 95.8201



58.4713, 53.7769, 61.6978



19.3456, 20.3007, 20.2181



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.



62.6097, 65.1500, 53.5322



80.1978, 83.1697, 64.2601



65.6422, 73.2371, 54.9333



14.4040, 15.0940, 14.4610



23.2545, 19.9469, 2.6245



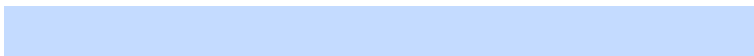
1.6979, 1.5546, 0.2106

Inverse Universe

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



53.4420, 56.2816, 79.9987



66.2387, 69.6679, 104.5638



50.8032, 49.4371, 78.8166



13.3840, 14.1071, 17.4052



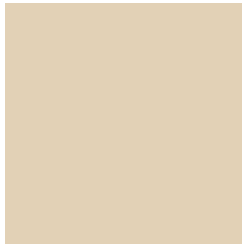
9.8964, 7.2623, 41.9285



0.7709, 0.6733, 2.9346

Previews

White Background



This preview shows how the XYZ color 62.6080, 65.1471, 53.5308 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 62.6080, 65.1471, 53.5308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

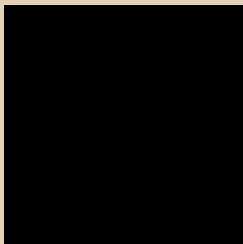
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6080, 65.1471, 53.5308

Background



This preview shows how black text looks on a background with the XYZ color 62.6080, 65.1471, 53.5308.



This preview shows how white text looks on a background with the XYZ color 62.6080, 65.1471,

53.5308.

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

62.6080, 65.1471, 53.5308

Protanopia

61.6603, 65.3796, 54.1694

Deuteranopia

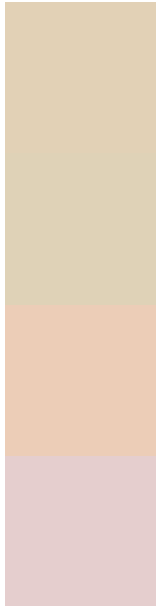
66.1788, 64.8315, 53.8255



Tritanopia

67.4661, 65.3420, 76.7666

Trichromacy



Original Color

62.6080, 65.1471, 53.5308

Protanomaly

62.0253, 65.2001, 54.1155

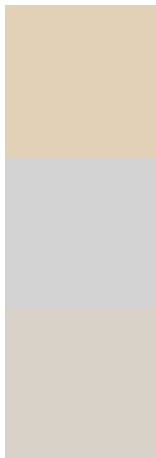
Deuteranomaly

64.9706, 64.9144, 53.9052

Tritanomaly

65.5250, 65.2569, 67.5348

Monochromacy



Original Color

62.6080, 65.1471, 53.5308

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.7908, 64.8622, 63.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6080, 65.1471, 53.5308 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(226, 209, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 182)  
}
```

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(226, 209, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 182) }
```

Border

The CSS property to change the border of an element to XYZ 62.6080, 65.1471, 53.5308 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(226, 209, 182) }
```


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

```
.border{ border-color:rgb(226, 209, 182) }
```

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

Here you see how a box with a 4 pixel rgb(226, 209, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6080, 65.1471, 53.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 182) }
```

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

```
.background{ background-color: rgb(226,  
209, 182) }
```

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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