

Converting Colors

XYZ(60.5579, 65.8280, 52.0778)

Have a look what the booklet for
XYZ(60.5579, 65.8280, 52.0778)
contains.

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Color

**XYZ(60.7985, 66.0995,
52.2019)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D6B3
RGB	217, 214, 179
RGB Percent	85%, 84%, 70%
CMY	0.1490, 0.1608, 0.2980
CMYK	0.00, 0.01, 0.18, 0.15
HSL	55°, 33%, 78%
HSV	55°, 18%, 85%
XYZ	60.7985, 66.0995, 52.2019
YIQ	210.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

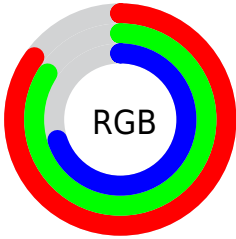
Format	Color
RYB	182, 217, 179
Decimal	14276275
CIELab	85.05, -4.74, 17.69
CIELCh	85, 18.309, 104.990
Yxy	66.0995, 0.3395, 0.3691
Android (android.graphics.Color)	4292466355 (0xFFD9D6B3)
YUV	210.9070, -15.7302, 5.3436
Hunter-Lab	81.3016, -8.7929, 18.8424

Details

The XYZ color **60.7985, 66.0995, 52.2019** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8426, 48.0484, 72.3987**, and the grayscale version is **61.9515, 65.1778, 70.9786**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **31.0643, 33.9840, 24.6610** is the 20% darker color. If you saturate the color by 10%, you get **58.3443, 64.4310, 41.3949**, and if you desaturate by 10%, it is **63.6061, 67.9211, 64.8323**.

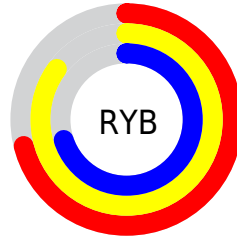
Distribution



Red (85%)

Green (84%)

Blue (70%)



Red (71%)

Yellow (85%)

Blue (70%)

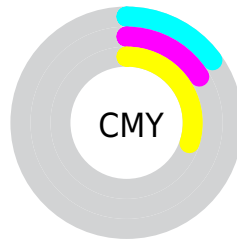


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7985, 66.0995, 52.2019 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 60.7985, 66.0995, 52.2019 by changing the saturation by 10% instead.

60.7985, 66.0995,
52.2019

60.7985, 66.0995,
52.2019

417.3225,
446.7326, 412.1947

44.3145, 48.3532,
36.7827

105.0869,
113.6291, 94.8585

31.1168, 34.1067,
24.7448

133.6220,
144.1812, 122.9330

20.8401, 22.9756,
15.6697

166.9048,
179.7707, 156.0631

13.1189, 14.5755,
9.1389

205.3008,
220.7820, 194.6671

7.5881, 8.5220,
4.7339

249.1751,
267.5994, 239.1638

3.8821, 4.4307,
2.0360

298.8933,

1.6356, 1.9173,

320.6074, 289.9716

0.5773

354.8207,
380.1903, 347.5090

■ 0.4155, 0.5588,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7985, 66.0995,
52.2019

■ 60.7985, 66.0995,
52.2019

■ 58.3443, 64.4310,
41.3949

■ 63.6061, 67.9211,
64.8323

■ 56.2223, 62.9004,
32.3222

■ 66.7771, 69.8931,
79.3612

■ 54.4167, 61.5036,
24.8936

■ 70.3273, 72.0241,
95.8645

■ 52.9085, 60.2330,
19.0090

■ 72.4816, 73.6041,
104.9946

■ 51.6767, 59.0801,
14.5576

■ 72.9351, 74.5111,
105.1457

■ 50.6974, 58.0354,
11.4137

■ 73.3932, 75.4274,
105.2984

■ 49.9425, 57.0876,
9.4298

■ 73.8560, 76.3529,
105.4527

■ 49.3739, 56.2214,
8.4046

■ 74.3234, 77.2877,
105.6085

■ 49.2457, 56.0122,
8.2159

■ 74.7954, 78.2318,
105.7658

Harmonies

Analogous

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



64.9000, 66.0995, 52.2036



60.7985, 66.0995, 52.2019



57.3889, 66.0995, 57.0864

Triad

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



60.7985, 66.0995, 52.2019



57.3870, 66.0995, 89.2348



70.7933, 66.0995, 78.0094

Complementary

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



60.7985, 66.0995, 52.2019



47.8426, 48.0484, 72.3987

Split Complementary

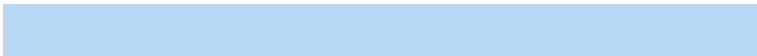
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.5952, 66.0995, 89.2414



60.7985, 66.0995, 52.2019



60.7958, 66.0995, 96.1882

Square

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



60.7985, 66.0995, 52.2019



55.4787, 66.0995, 78.0011



64.8972, 66.0995, 96.1907



70.7941, 66.0995, 66.2602

Rectangle

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



60.7985, 66.0995, 52.2019



55.9155, 66.0995, 62.7977



64.8972, 66.0995, 96.1907



70.2828, 66.0995, 81.9971

Sweetspot

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



60.8003, 66.1024, 52.2033



92.7448, 98.5663, 98.3384



53.1968, 50.3771, 51.2672



19.7842, 21.0551, 20.7429



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.



60.8003, 66.1024, 52.2033



86.2638, 94.3546, 69.2020



57.0824, 65.3215, 52.2485



14.0698, 15.0790, 13.8946



29.8466, 33.9787, 4.9855



1.9602, 2.2545, 0.3319

Inverse Universe

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



47.8426, 48.0484, 72.3987



64.2507, 63.6843, 103.5137



51.1079, 48.8308, 72.3777



12.4207, 12.7812, 16.4645



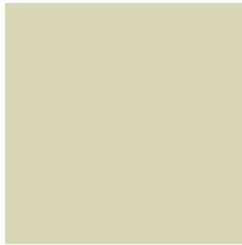
7.7342, 3.3379, 39.9750



0.5304, 0.2750, 2.5996

Previews

White Background



This preview shows how the XYZ color 60.7985, 66.0995, 52.2019 looks on a white background.

Color Contrast Check

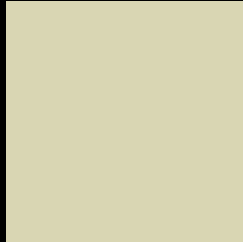
Large Text (above 18pt) WCAG AA × Fail

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 60.7985, 66.0995, 52.2019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

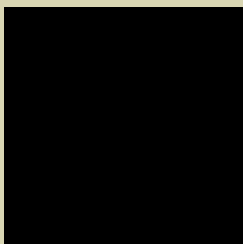
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

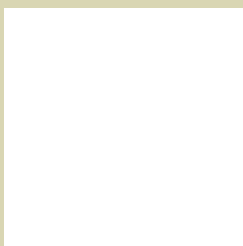
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7985, 66.0995, 52.2019

Background



This preview shows how black text looks on a background with the XYZ color 60.7985, 66.0995, 52.2019.



This preview shows how white text looks on a background with the XYZ color 60.7985, 66.0995,

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

60.7985, 66.0995, 52.2019

Protanopia

62.3198, 66.1486, 51.6028

Deuteranopia

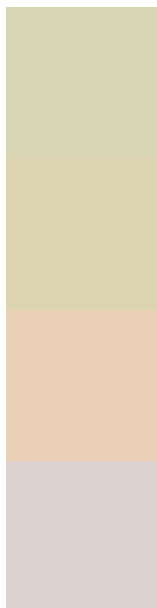
67.2416, 65.7550, 52.8640



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

60.7985, 66.0995, 52.2019

Protanomaly

61.6489, 66.1750, 51.6433

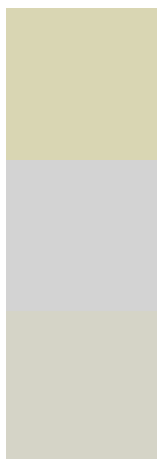
Deuteranomaly

64.7258, 65.8995, 52.4885

Tritanomaly

64.2506, 66.0194, 69.0312

Monochromacy



Original Color

60.7985, 66.0995, 52.2019

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2929, 65.3566, 63.4174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7985, 66.0995, 52.2019 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(217, 214, 179) looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 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(217, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 179) }
```

Border

The CSS property to change the border of an element to XYZ 60.7985, 66.0995, 52.2019 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(217, 214, 179) }
```


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

```
.border{ border-color:rgb(217, 214, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7985, 66.0995, 52.2019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 179) }
```

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

```
.background{ background-color: rgb(217,  
214, 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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