

Converting Colors

XYZ(60.5695, 65.9642, 53.1764)

Have a look what the booklet for
XYZ(60.5695, 65.9642, 53.1764)
contains.

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Color

**XYZ(60.7060, 66.0283,
53.2612)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D6B5
RGB	216, 214, 181
RGB Percent	85%, 84%, 71%
CMY	0.1529, 0.1608, 0.2902
CMYK	0.00, 0.01, 0.16, 0.15
HSL	57°, 31%, 78%
HSV	57°, 16%, 85%
XYZ	60.7060, 66.0283, 53.2612
YIQ	210.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

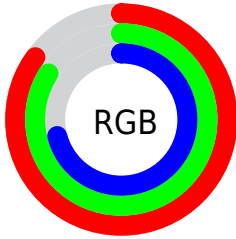
Format	Color
RYB	183, 216, 181
Decimal	14210741
CIELab	85.01, -4.80, 16.57
CIELCh	85, 17.253, 106.146
Yxy	66.0283, 0.3373, 0.3668
Android (android.graphics.Color)	4292400821 (0xFFD8D6B5)
YUV	210.8360, -14.7091, 4.5288
Hunter-Lab	81.2578, -8.8475, 18.0183

Details

The XYZ color **60.7060, 66.0283, 53.2612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.3841, 48.6476, 71.8061**, and the grayscale version is **61.8987, 65.1223, 70.9181**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **30.9924, 33.9319, 25.3381** is the 20% darker color. If you saturate the color by 10%, you get **58.3495, 64.5911, 42.3759**, and if you desaturate by 10%, it is **63.4120, 67.6135, 65.9599**.

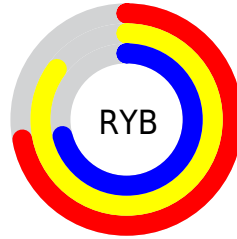
Distribution



Red (85%)

Green (84%)

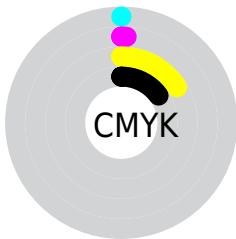
Blue (71%)



Red (72%)

Yellow (85%)

Blue (71%)

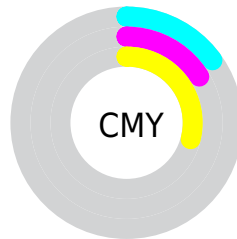


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7060, 66.0283, 53.2612 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 60.7060, 66.0283, 53.2612 by changing the saturation by 10% instead.

■ 60.7060, 66.0283,
53.2612

■ 60.7060, 66.0283,
53.2612

416.9884,
446.4781, 416.3811

■ 44.2396, 48.2954,
37.6222

■ 104.9537,
113.5270, 96.4340

■ 31.0576, 34.0609,
25.3900

133.4656,
144.0615, 124.8050

■ 20.7948, 22.9404,
16.1462

166.7234,
179.6320, 158.2569

■ 13.0857, 14.5495,
9.4722

205.0925,
220.6229, 197.2084

■ 7.5650, 8.5038,
4.9494

248.9382,
267.4185, 242.0781

■ 3.8673, 4.4190,
2.1594

298.6258,

■ 1.6273, 1.9106,

320.4033, 293.2844

0.6508

354.5208,
379.9617, 351.2459

■ 0.4101, 0.5547,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7060, 66.0283,
53.2612

■ 60.7060, 66.0283,
53.2612

■ 58.3495, 64.5911,
42.3759

■ 63.4120, 67.6135,
65.9599

■ 56.3215, 63.2869,
33.2166

■ 66.4771, 69.3439,
80.5456

■ 54.6067, 62.1116,
25.6952

■ 69.9169, 71.2280,
97.0928

■ 53.1866, 61.0581,
19.7138

■ 71.6827, 72.4463,
104.8132

■ 52.0407, 60.1179,
15.1646

■ 72.0051, 73.0909,
104.9206

■ 51.1456, 59.2818,
11.9254

■ 72.3298, 73.7404,
105.0289

■ 50.4745, 58.5390,
9.8539

■ 72.6569, 74.3946,
105.1379

■ 49.9935, 57.8759,
8.7717

■ 72.9864, 75.0536,
105.2477

■ 49.8375, 57.6358,
8.4981

■ 73.3183, 75.7174,
105.3584

Harmonies

Analogous

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



64.5613, 66.0283, 53.0802



60.7060, 66.0283, 53.2612



57.5304, 66.0283, 58.0834

Triad

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



60.7060, 66.0283, 53.2612



57.7298, 66.0283, 88.4279



70.2836, 66.0283, 77.1319

Complementary

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



60.7060, 66.0283, 53.2612



48.3841, 48.6476, 71.8061

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.



68.2929, 66.0283, 87.7357



60.7060, 66.0283, 53.2612



60.9885, 66.0283, 94.6975

Square

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



60.7060, 66.0283, 53.2612



55.8610, 66.0283, 78.0006



64.8556, 66.0283, 94.4318



70.2003, 66.0283, 66.1140

Rectangle

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



60.7060, 66.0283, 53.2612



56.1790, 66.0283, 63.5946



64.8556, 66.0283, 94.4318



69.8314, 66.0283, 80.8849

Sweetspot

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



60.7078, 66.0312, 53.2626



92.8331, 98.7429, 98.3679



53.4255, 51.0803, 52.0264



19.8057, 21.0982, 20.7501



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.



60.7078, 66.0312, 53.2626



87.3327, 95.5133, 72.5764



56.9397, 64.8430, 53.2319



13.4094, 14.3930, 13.2321



29.5259, 34.1691, 5.0391



1.7997, 2.0987, 0.3102

Inverse Universe

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



48.3841, 48.6476, 71.8061



66.5337, 66.1750, 103.8741



51.7277, 49.7646, 71.8455



11.7989, 12.1211, 15.6553



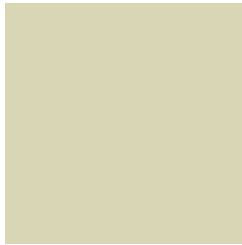
7.4421, 3.1460, 38.6682



0.4693, 0.2306, 2.3391

Previews

White Background



This preview shows how the XYZ color 60.7060, 66.0283, 53.2612 looks on a white background.

Color Contrast Check

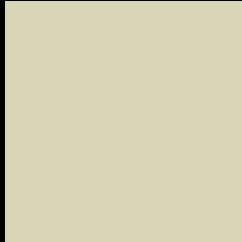
Large Text (above 18pt) WCAG AA × Fail

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 60.7060, 66.0283, 53.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

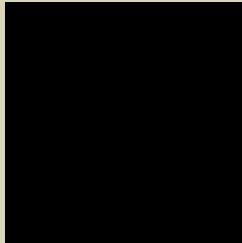
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

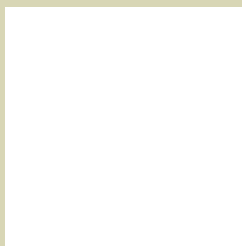
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7060, 66.0283, 53.2612

Background



This preview shows how black text looks on a background with the XYZ color 60.7060, 66.0283, 53.2612.



This preview shows how white text looks on a background with the XYZ color 60.7060, 66.0283,

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

60.7060, 66.0283, 53.2612

Protanopia

62.2131, 66.0702, 52.6539

Deuteranopia

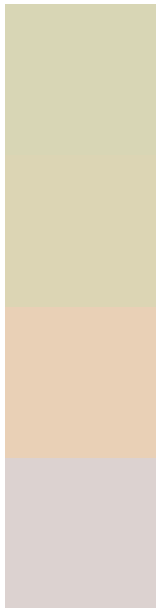
67.1023, 65.6593, 53.9366



Tritanopia

66.1346, 66.0232, 79.7791

Trichromacy



Original Color

60.7060, 66.0283, 53.2612

Protanomaly

61.5477, 66.0994, 52.6946

Deuteranomaly

64.6036, 65.8128, 53.5541

Tritanomaly

63.9470, 65.8629, 69.0170

Monochromacy



Original Color

60.7060, 66.0283, 53.2612

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4094, 65.4032, 64.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7060, 66.0283, 53.2612 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(216, 214, 181)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 181)  
}
```

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(216, 214, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 181) }
```

Border

The CSS property to change the border of an element to XYZ 60.7060, 66.0283, 53.2612 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(216, 214, 181) }
```


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

```
.border{ border-color:rgb(216, 214, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 181);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7060, 66.0283, 53.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 181) }
```

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

```
.background{ background-color: rgb(216,  
214, 181) }
```

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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