

Converting Colors

XYZ(60.9485, 66.1005, 50.2655)

Have a look what the booklet for
XYZ(60.9485, 66.1005, 50.2655)
contains.

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Color

**XYZ(60.9978, 66.2483,
50.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD6AF
RGB	219, 214, 175
RGB Percent	86%, 84%, 69%
CMY	0.1412, 0.1608, 0.3137
CMYK	0.00, 0.02, 0.20, 0.14
HSL	53°, 38%, 77%
HSV	53°, 20%, 86%
XYZ	60.9978, 66.2483, 50.1297
YIQ	211.0490, 15.4990, -11.0690

Conversions

Conversions Part 2

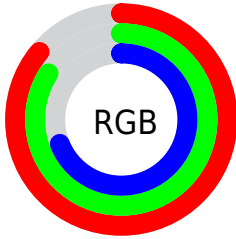
Format	Color
RYB	181, 219, 175
Decimal	14407343
CIELab	85.12, -4.59, 19.92
CIELCh	85, 20.439, 102.984
Yxy	66.2483, 0.3439, 0.3735
Android (android.graphics.Color)	4292597423 (0xFFD6D6AF)
YUV	211.0490, -17.7722, 6.9730
Hunter-Lab	81.3931, -8.6659, 20.4586

Details

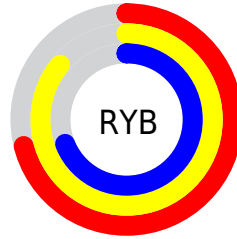
The XYZ color **60.9978, 66.2483, 50.1297** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7864, 46.8699, 73.5990**, and the grayscale version is **62.0572, 65.2890, 71.0998**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **31.2208, 34.0939, 23.3476** is the 20% darker color. If you saturate the color by 10%, you get **58.3952, 64.2104, 39.4971**, and if you desaturate by 10%, it is **63.9624, 68.4509, 62.6055**.

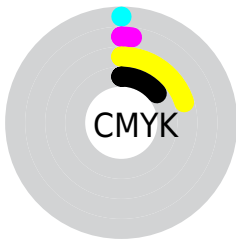
Distribution



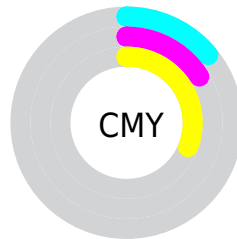
- Red (86%)
- Green (84%)
- Blue (69%)



- Red (71%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9978, 66.2483, 50.1297 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 60.9978, 66.2483, 50.1297 by changing the saturation by 10% instead.

60.9978, 66.2483,
50.1297

60.9978, 66.2483,
50.1297

418.0420,
447.2644, 403.9225

44.4759, 48.4740,
35.1446

105.3739,
113.8426, 91.7653

31.2444, 34.2024,
23.4898

133.9588,
144.4315, 119.2528

20.9377, 23.0491,
14.7469

167.2954,
180.0606, 151.7449

13.1907, 14.6298,
8.4973

205.7492,
221.1144, 189.6601

7.6379, 8.5600,
4.3225

249.6853,
267.9773, 233.4169

3.9140, 4.4553,
1.8039

299.4693,

1.6536, 1.9314,

321.0336, 283.4339

0.4305

355.4664,
380.6679, 340.1296

■ 0.4269, 0.5671,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9978, 66.2483,
50.1297

■ 60.9978, 66.2483,
50.1297

■ 58.3952, 64.2104,
39.4971

■ 63.9624, 68.4509,
62.6055

■ 56.1325, 62.3214,
30.6152

■ 67.2994, 70.8157,
77.0029

■ 54.1933, 60.5771,
23.3895

■ 71.0254, 73.3516,
93.4007

■ 52.5576, 58.9694,
17.7152

■ 73.9059, 75.5648,
105.2979

■ 51.2031, 57.4892,
13.4754

■ 74.5788, 76.9106,
105.5223

■ 50.1044, 56.1264,
10.5365

■ 75.2615, 78.2761,
105.7498

■ 49.2315, 54.8688,
8.7400

■ 75.9541, 79.6612,
105.9807

■ 48.5361, 53.7052,
7.8080

■ 76.6566, 81.0662,
106.2148

■ 77.3690, 82.4910,
106.4523

Harmonies

Analogous

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



65.5950, 66.2483, 50.4931



60.9978, 66.2483, 50.1297



57.1188, 66.2483, 55.1210

Triad

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



60.9978, 66.2483, 50.1297



56.7068, 66.2483, 90.8481



71.8226, 66.2483, 79.8146

Complementary

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



60.9978, 66.2483, 50.1297



46.7864, 46.8699, 73.5990

Split Complementary

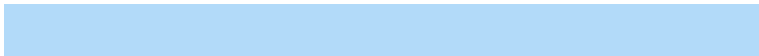
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2013, 66.2483, 92.3283



60.9978, 66.2483, 50.1297



60.4102, 66.2483, 99.2116

Square

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



60.9978, 66.2483, 50.1297



54.7240, 66.2483, 77.9841



64.9782, 66.2483, 99.7841



71.9988, 66.2483, 66.5824

Rectangle

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



60.9978, 66.2483, 50.1297



55.4008, 66.2483, 61.2125



64.9782, 66.2483, 99.7841



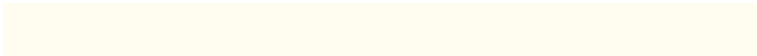
71.1925, 66.2483, 84.2811

Sweetspot

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



60.9995, 66.2513, 50.1311



92.1320, 97.9502, 96.2550



52.7959, 49.0216, 49.9316



19.6546, 20.9187, 20.3211



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.



60.9995, 66.2513, 50.1311



84.5386, 92.3130, 64.2838



57.4632, 66.3338, 50.3334



14.0294, 14.9982, 13.8811



28.8307, 31.9470, 4.6468



1.9044, 2.1430, 0.3133

Inverse Universe

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



46.7864, 46.8699, 73.5990



61.0747, 60.3187, 103.0314



49.8214, 46.9644, 73.4573



12.4571, 12.8540, 16.4766



7.8262, 3.5219, 40.0057



0.5477, 0.3096, 2.6053

Previews

White Background



This preview shows how the XYZ color 60.9978, 66.2483, 50.1297 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 60.9978, 66.2483, 50.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

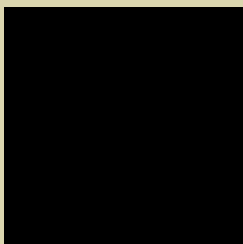
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

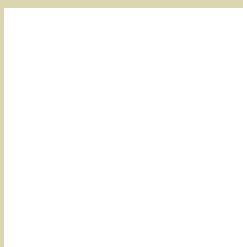
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9978, 66.2483, 50.1297

Background



This preview shows how black text looks on a background with the XYZ color 60.9978, 66.2483, 50.1297.



This preview shows how white text looks on a background with the XYZ color 60.9978, 66.2483,

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

60.9978, 66.2483, 50.1297

Protanopia

62.2348, 66.1505, 49.5326

Deuteranopia

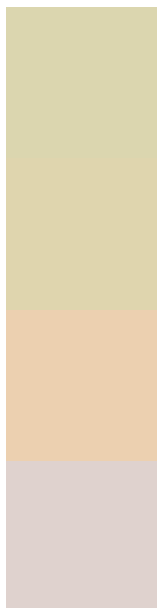
67.5347, 65.9529, 50.7657



Tritanopia

66.8187, 66.0150, 79.7415

Trichromacy



Original Color

60.9978, 66.2483, 50.1297

Protanomaly

61.8657, 66.3325, 49.5872

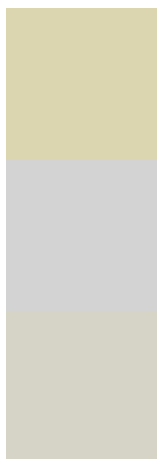
Deuteranomaly

64.9844, 66.0792, 50.4038

Tritanomaly

64.6186, 66.2374, 67.7718

Monochromacy



Original Color

60.9978, 66.2483, 50.1297

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.4681, 65.4603, 62.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9978, 66.2483, 50.1297 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(219, 214, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 175)  
}
```

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(219, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.9978, 66.2483, 50.1297 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(219, 214, 175) }
```


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

```
.border{ border-color:rgb(219, 214, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9978, 66.2483, 50.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 175) }
```

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

```
.background{ background-color: rgb(219,  
214, 175) }
```

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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