

Converting Colors

XYZ(60.0447, 66.7893, 55.0767)

Have a look what the booklet for
XYZ(60.0447, 66.7893, 55.0767)
contains.

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Color

**XYZ(60.0429, 66.7880,
55.0742)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D9B8
RGB	210, 217, 184
RGB Percent	82%, 85%, 72%
CMY	0.1765, 0.1490, 0.2784
CMYK	0.03, 0.00, 0.15, 0.15
HSL	73°, 30%, 79%
HSV	73°, 15%, 85%
XYZ	60.0429, 66.7880, 55.0742
YIQ	211.1450, 6.4210, -11.7470

Conversions

Conversions Part 2

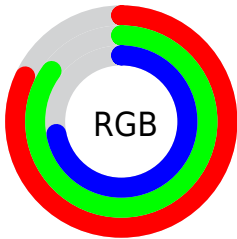
Format	Color
RYB	184, 217, 191
Decimal	13818296
CIELab	85.40, -8.03, 15.47
CIELCh	85, 17.432, 117.448
Yxy	66.7880, 0.3301, 0.3672
Android (android.graphics.Color)	4292008376 (0xFFD2D9B8)
YUV	211.1450, -13.3825, -1.0042
Hunter-Lab	81.7239, -11.8722, 17.2509

Details

The XYZ color **60.0429, 66.7880, 55.0742** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1534, 50.3689, 72.6753**, and the grayscale version is **62.0969, 65.3308, 71.1452**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **30.5346, 34.4479, 26.5125** is the 20% darker color. If you saturate the color by 10%, you get **56.6486, 65.2832, 43.9382**, and if you desaturate by 10%, it is **63.8275, 68.4577, 68.0527**.

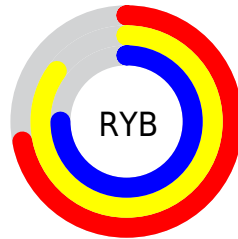
Distribution



Red (82%)

Green (85%)

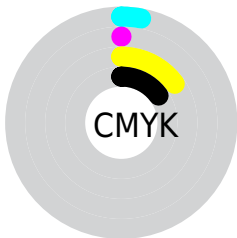
Blue (72%)



Red (72%)

Yellow (85%)

Blue (75%)

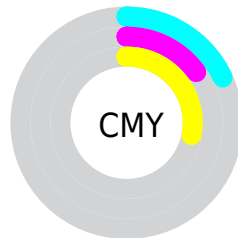


Cyan (3%)

Magenta (0%)

Yellow (15%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0429, 66.7880, 55.0742 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 60.0429, 66.7880, 55.0742 by changing the saturation by 10% instead.

60.0429, 66.7880,
55.0742

60.0429, 66.7880,
55.0742

414.5881,
449.1898, 423.4830

43.7028, 48.9124,
39.0621

103.9979,
114.6166, 99.1219

30.6338, 34.5500,
26.4999

132.3435,
145.3383, 127.9946

20.4706, 23.3164,
16.9689

165.4216,
181.1109, 161.9913

12.8479, 14.8273,
10.0506

203.5977,
222.3186, 201.5305

7.4001, 8.6983,
5.3265

247.2370,
269.3460, 247.0307

3.7621, 4.5449,
2.3780

296.7050,

1.5685, 1.9828,

322.5774, 298.9105

0.7744

352.3669,
382.3972, 357.5884

■ 0.3717, 0.5975,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0429, 66.7880,
55.0742

■ 60.0429, 66.7880,
55.0742

■ 56.6486, 65.2832,
43.9382

■ 63.8275, 68.4577,
68.0527

■ 53.6231, 63.9280,
34.5569

■ 68.0122, 70.2897,
82.9475

■ 50.9508, 62.7184,
26.8418

■ 72.6132, 72.2926,
99.8338

■ 48.6128, 61.6467,
20.6950

■ 74.9935, 73.4117,
104.8250

■ 46.5882, 60.7046,
16.0083

■ 76.4778, 74.1769,
104.8945

■ 44.8536, 59.8827,
12.6598

■ 78.0014, 74.9623,
104.9658

■ 43.3817, 59.1700,
10.5080

■ 79.5645, 75.7681,
105.0389

■ 42.1393, 58.5532,
9.3796

■ 81.1675, 76.5945,
105.1140

■ 41.5978, 58.2806,
9.0569

■ 82.8106, 77.4415,
105.1909

Harmonies

Analogous

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



63.8188, 66.7880, 53.0821



60.0429, 66.7880, 55.0742



57.2905, 66.7880, 61.6328

Triad

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



60.0429, 66.7880, 55.0742



59.4801, 66.7880, 92.6406



71.3743, 66.7880, 73.6938

Complementary

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



60.0429, 66.7880, 55.0742



51.1534, 50.3689, 72.6753

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.



70.0999, 66.7880, 85.0647



60.0429, 66.7880, 55.0742



63.1423, 66.7880, 96.6888

Square

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



60.0429, 66.7880, 55.0742



56.9752, 66.7880, 83.2154



67.0458, 66.7880, 93.7837



70.4619, 66.7880, 63.1478

Rectangle

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



60.0429, 66.7880, 55.0742



56.3509, 66.7880, 68.0948



67.0458, 66.7880, 93.7837



71.1863, 66.7880, 77.5516

Sweetspot

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



60.0447, 66.7909, 55.0756



92.0761, 98.6962, 98.3988



55.8130, 55.3017, 53.0810



19.6211, 21.0869, 20.7576



0.0000, 0.0000, 0.0000



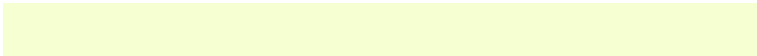
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0447, 66.7909, 55.0756



85.0274, 95.5874, 74.3553



55.6893, 64.5457, 54.8718



13.8776, 15.1172, 13.9121



25.2712, 35.3253, 5.4865



1.7062, 2.3241, 0.3587

Inverse Universe

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



51.1534, 50.3689, 72.6753



70.0408, 67.9055, 104.0233



55.4272, 52.5722, 72.8753



12.5957, 12.7497, 16.4492



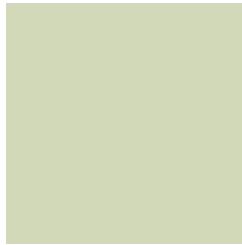
8.3374, 3.4223, 39.9595



0.6131, 0.2593, 2.5922

Previews

White Background



This preview shows how the XYZ color 60.0429, 66.7880, 55.0742 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 60.0429, 66.7880, 55.0742 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

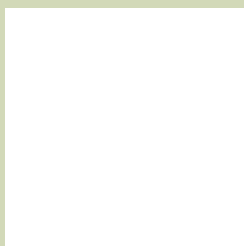
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0429, 66.7880, 55.0742

Background



This preview shows how black text looks on a background with the XYZ color 60.0429, 66.7880, 55.0742.



This preview shows how white text looks on a background with the XYZ color 60.0429, 66.7880,

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

60.0429, 66.7880, 55.0742

Protanopia

62.9782, 66.8132, 53.8329

Deuteranopia

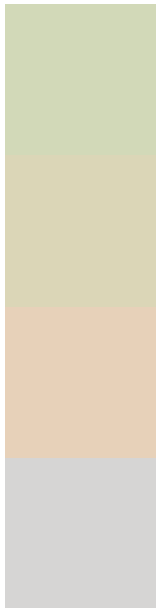
67.6564, 66.2625, 55.6784



Tritanopia

65.6168, 66.7889, 82.8320

Trichromacy



Original Color

60.0429, 66.7880, 55.0742

Protanomaly

61.8072, 66.5721, 54.3919

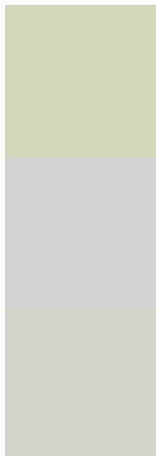
Deuteranomaly

64.5124, 66.0926, 55.2559

Tritanomaly

63.4095, 66.6381, 71.8078

Monochromacy



Original Color

60.0429, 66.7880, 55.0742

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2008, 65.6544, 64.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0429, 66.7880, 55.0742 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(210, 217, 184) looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 184)  
}
```

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(210, 217, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.0429, 66.7880, 55.0742 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(210, 217, 184) }
```


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

```
.border{ border-color:rgb(210, 217, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 217, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0429, 66.7880, 55.0742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 184) }
```

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

```
.background{ background-color: rgb(210,  
217, 184) }
```

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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