

Converting Colors

XYZ(60.0770, 66.7689, 56.7350)

Have a look what the booklet for
XYZ(60.0770, 66.7689, 56.7350)
contains.

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Color

**XYZ(60.0770, 66.7689,
56.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D9BB
RGB	209, 217, 187
RGB Percent	82%, 85%, 73%
CMY	0.1804, 0.1490, 0.2667
CMYK	0.04, 0.00, 0.14, 0.15
HSL	76°, 28%, 79%
HSV	76°, 14%, 85%
XYZ	60.0770, 66.7689, 56.7350
YIQ	211.1880, 4.8620, -11.0260

Conversions

Conversions Part 2

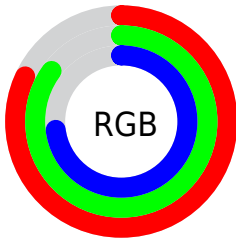
Format	Color
R _{YB}	187, 217, 195
Decimal	13752763
CIE Lab	85.39, -7.91, 13.87
CIE LCh	85, 15.965, 119.708
Yxy	66.7689, 0.3273, 0.3637
Android (android.graphics.Color)	4291942843 (0xFFD1D9BB)
YUV	211.1880, -11.9247, -1.9189
Hunter-Lab	81.7122, -11.7585, 16.0319

Details

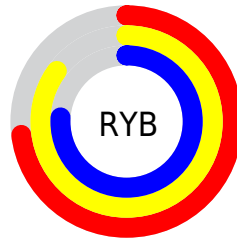
The XYZ color **60.0770, 66.7689, 56.7350** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8030, 52.1543, 72.9330**, and the grayscale version is **62.1168, 65.3517, 71.1680**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **30.5498, 34.4319, 27.5901** is the 20% darker color. If you saturate the color by 10%, you get **56.3195, 65.0823, 45.3350**, and if you desaturate by 10%, it is **64.2488, 68.6325, 69.9896**.

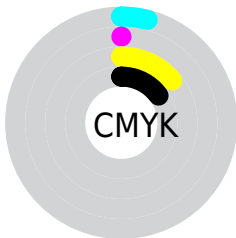
Distribution



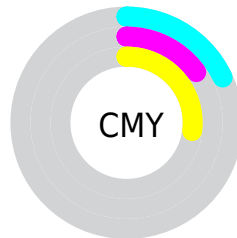
- Red (82%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0770, 66.7689, 56.7350 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 60.0770, 66.7689, 56.7350 by changing the saturation by 10% instead.

■ 60.0770, 66.7689,
56.7350

■ 60.0770, 66.7689,
56.7350

414.7117,
449.1217, 429.9215

■ 43.7304, 48.8968,
40.3846

■ 104.0471,
114.5892, 101.5749

■ 30.6556, 34.5377,
27.5225

132.4012,
145.3062, 130.9015

■ 20.4873, 23.3069,
17.7301

165.4887,
181.0737, 165.3905

■ 12.8601, 14.8203,
10.5889

203.6747,
222.2761, 205.4605

■ 7.4086, 8.6934,
5.6805

247.3246,
269.2976, 251.5301

■ 3.7675, 4.5417,
2.5862

296.8039,

■ 1.5715, 1.9810,

322.5228, 304.0178

0.8853

352.4778,
382.3361, 363.3420

■ 0.3737, 0.5964,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0770, 66.7689,
56.7350

■ 60.0770, 66.7689,
56.7350

■ 56.3195, 65.0823,
45.3350

■ 64.2488, 68.6325,
69.9896

■ 52.9545, 63.5573,
35.7026

■ 68.8447, 70.6705,
85.1721

■ 49.9663, 62.1897,
27.7502

■ 73.8811, 72.8917,
102.3569

■ 47.3359, 60.9719,
21.3812

■ 76.1943, 74.0307,
104.8812

■ 45.0424, 59.8955,
16.4889

■ 78.1065, 75.0165,
104.9707

■ 43.0624, 58.9510,
12.9536

■ 80.0812, 76.0345,
105.0631

■ 41.3690, 58.1275,
10.6371

■ 82.1189, 77.0850,
105.1585

■ 39.9296, 57.4120,
9.3715

■ 84.1042, 78.1084,
105.2514

■ 39.1346, 57.0109,
8.9416

Harmonies

Analogous

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



63.4973, 66.7689, 54.5448



60.0770, 66.7689, 56.7350



57.6437, 66.7689, 63.1083

Triad

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



60.0770, 66.7689, 56.7350



60.0178, 66.7689, 91.2916



70.6742, 66.7689, 72.8016

Complementary

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



60.0770, 66.7689, 56.7350



52.8030, 52.1543, 72.9330

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.



69.6589, 66.7689, 83.2174



60.0770, 66.7689, 56.7350



63.4264, 66.7689, 94.4936

Square

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



60.0770, 66.7689, 56.7350



57.6104, 66.7689, 83.0251



66.9715, 66.7689, 91.4098



69.6966, 66.7689, 63.2685

Rectangle

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



60.0770, 66.7689, 56.7350



56.8616, 66.7689, 69.1988



66.9715, 66.7689, 91.4098



70.5541, 66.7689, 76.3173

Sweetspot

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



60.0788, 66.7718, 56.7364



92.4568, 98.8479, 100.4328



57.1024, 57.3719, 55.0789



19.6876, 21.1121, 21.1668



0.0000, 0.0000, 0.0000



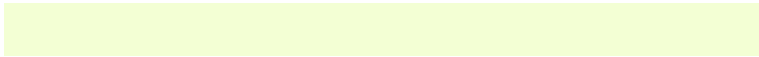
20.3446, 21.4041, 23.3091

Same Dimension

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



60.0788, 66.7718, 56.7364



84.7120, 95.3880, 76.0030



56.0328, 64.6860, 56.5471



13.8057, 15.0801, 13.9087



23.7937, 34.5636, 5.4174



1.6215, 2.2804, 0.3547

Inverse Universe

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



52.8030, 52.1543, 72.9330



72.0038, 69.8543, 104.2960



56.8754, 54.2537, 73.1236



12.6629, 12.7843, 16.4524



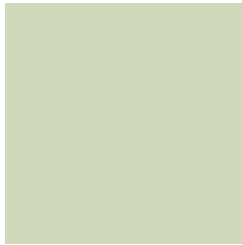
8.7201, 3.6195, 39.9774



0.6462, 0.2764, 2.5937

Previews

White Background



This preview shows how the XYZ color 60.0770, 66.7689, 56.7350 looks on a white background.

Color Contrast Check

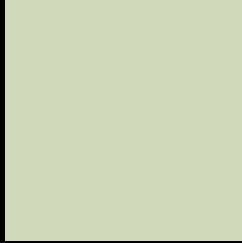
Large Text (above 18pt) WCAG AA × Fail

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 60.0770, 66.7689, 56.7350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

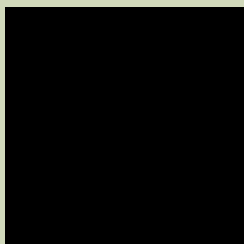
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

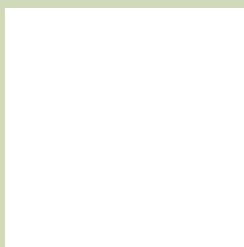
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0770, 66.7689, 56.7350

Background



This preview shows how black text looks on a background with the XYZ color 60.0770, 66.7689, 56.7350.



This preview shows how white text looks on a background with the XYZ color 60.0770, 66.7689,

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

60.0770, 66.7689, 56.7350

Protanopia

63.2917, 66.9386, 55.4835

Deuteranopia

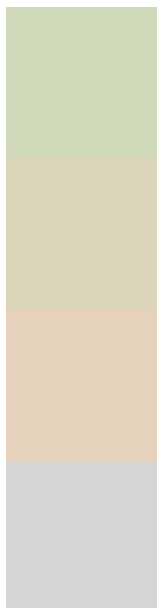
67.6346, 66.2140, 57.3600



Tritanopia

65.3222, 66.6370, 82.8182

Trichromacy



Original Color

60.0770, 66.7689, 56.7350

Protanomaly

62.1229, 66.6984, 56.0542

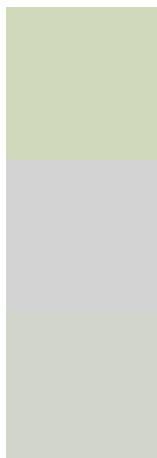
Deuteranomaly

64.5107, 66.0548, 56.9267

Tritanomaly

63.2451, 66.5387, 72.4607

Monochromacy



Original Color

60.0770, 66.7689, 56.7350

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0333, 65.5544, 65.3136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0770, 66.7689, 56.7350 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(209, 217, 187) looks like.

```
.text, #text, p{  
    color:rgb(209, 217, 187)  
}
```

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(209, 217, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 217, 187) }
```

Border

The CSS property to change the border of an element to XYZ 60.0770, 66.7689, 56.7350 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(209, 217, 187) }
```


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

```
.border{ border-color:rgb(209, 217, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 217, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 217, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 217, 187);  
box-shadow:4px 4px 4px 4px rgb(209, 217,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0770, 66.7689, 56.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 217, 187) }
```

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

```
.background{ background-color: rgb(209,  
217, 187) }
```

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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