

Converting Colors

XYZ(60.8213, 67.3065, 51.8445)

Have a look what the booklet for
XYZ(60.8213, 67.3065, 51.8445)
contains.

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Color

**XYZ(60.8731, 67.2871,
51.8988)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D9B2
RGB	215, 217, 178
RGB Percent	84%, 85%, 70%
CMY	0.1569, 0.1490, 0.3020
CMYK	0.01, 0.00, 0.18, 0.15
HSL	63°, 34%, 77%
HSV	63°, 18%, 85%
XYZ	60.8731, 67.2871, 51.8988
YIQ	211.9560, 11.3270, -12.5530

Conversions

Conversions Part 2

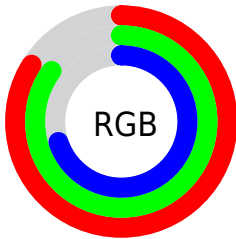
Format	Color
RYB	178, 217, 180
Decimal	14145970
CIELab	85.65, -7.15, 19.03
CIELCh	86, 20.327, 110.602
Yxy	67.2871, 0.3381, 0.3737
Android (android.graphics.Color)	4292336050 (0xFFD7D9B2)
YUV	211.9560, -16.7403, 2.6696
Hunter-Lab	82.0287, -11.0863, 19.9079

Details

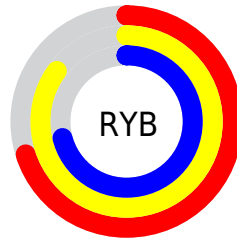
The XYZ color **60.8731, 67.2871, 51.8988** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2696, 46.5556, 72.1440**, and the grayscale version is **62.6540, 65.9169, 71.7835**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **31.1192, 34.7949, 24.4780** is the 20% darker color. If you saturate the color by 10%, you get **58.5387, 66.3179, 41.3017**, and if you desaturate by 10%, it is **63.5580, 68.4013, 64.3142**.

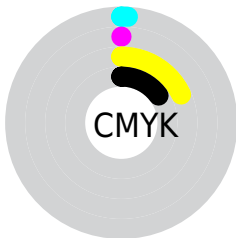
Distribution



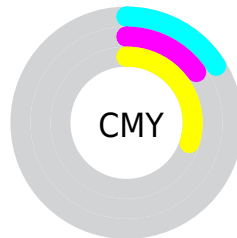
- Red (84%)
- Green (85%)
- Blue (70%)



- Red (70%)
- Yellow (85%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8731, 67.2871, 51.8988 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 60.8731, 67.2871, 51.8988 by changing the saturation by 10% instead.

■ 60.8731, 67.2871,
51.8988

■ 60.8731, 67.2871,
51.8988

417.5919,
450.9660, 410.9916

■ 44.3749, 49.3180,
36.5427

■ 105.1943,
115.3317, 94.4070

■ 31.1645, 34.8718,
24.5606

133.7481,
146.1760, 122.3963

■ 20.8766, 23.5641,
15.5340

167.0511,
182.0807, 155.4337

■ 13.1458, 15.0106,
9.0442

205.4686,
223.4304, 193.9377

■ 7.6067, 8.8268,
4.6728

249.3662,
270.6094, 238.3270

■ 3.8940, 4.6284,
2.0013

299.1090,

■ 1.6423, 2.0309,

324.0021, 289.0201

0.5560

355.0624,
383.9928, 346.4354

■ 0.4198, 0.6253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8731, 67.2871,
51.8988

■ 60.8731, 67.2871,
51.8988

■ 58.5387, 66.3179,
41.3017

■ 63.5580, 68.4013,
64.3142

■ 56.5334, 65.4783,
32.4335

■ 66.6032, 69.6576,
78.6232

■ 54.8414, 64.7643,
25.2036

■ 70.0247, 71.0647,
94.9020

■ 53.4436, 64.1683,
19.5117

■ 72.2167, 71.9802,
104.6951

■ 52.3189, 63.6817,
15.2461

■ 72.5543, 72.1543,
104.7109

■ 51.4432, 63.2950,
12.2804

■ 72.8942, 72.3294,
104.7268

■ 50.7883, 62.9969,
10.4658

■ 73.2363, 72.5058,
104.7428

■ 50.3140, 62.7713,
9.5905

■ 73.5806, 72.6833,
104.7589

■ 50.2271, 62.7293,
9.4607

■ 73.9273, 72.8620,
104.7751

Harmonies

Analogous

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



65.4189, 67.2871, 50.8819



60.8731, 67.2871, 51.8988



57.3195, 67.2871, 58.2458

Triad

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



60.8731, 67.2871, 51.8988



58.4694, 67.2871, 94.7822



73.1443, 67.2871, 77.5063

Complementary

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



60.8731, 67.2871, 51.8988



47.2696, 46.5556, 72.1440

Split Complementary

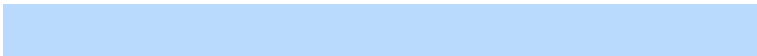
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0824, 67.2871, 90.6649



60.8731, 67.2871, 51.8988



62.5118, 67.2871, 101.4024

Square

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



60.8731, 67.2871, 51.8988



55.9789, 67.2871, 82.6054



67.1379, 67.2871, 99.8110



72.6535, 67.2871, 64.6552

Rectangle

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



60.8731, 67.2871, 51.8988



55.9204, 67.2871, 65.1193



67.1379, 67.2871, 99.8110



72.7231, 67.2871, 82.0614

Sweetspot

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



60.8749, 67.2901, 51.9002



92.8239, 99.0818, 98.4338



52.9645, 50.5901, 49.0937



19.8035, 21.1809, 20.7662



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.



60.8749, 67.2901, 51.9002



86.2445, 96.3562, 68.0250



55.4992, 64.5188, 51.6487



14.0927, 15.2280, 13.9221



30.4314, 37.9854, 5.7280



1.9922, 2.4716, 0.3721

Inverse Universe

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



47.2696, 46.5556, 72.1440



62.7489, 60.5471, 102.9873



52.1196, 49.0558, 72.3710



12.4003, 12.6490, 16.4401



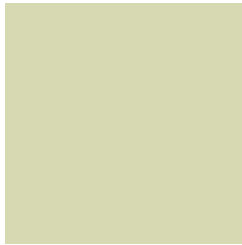
7.6931, 3.0901, 39.9294



0.5207, 0.2117, 2.5879

Previews

White Background



This preview shows how the XYZ color 60.8731, 67.2871, 51.8988 looks on a white background.

Color Contrast Check

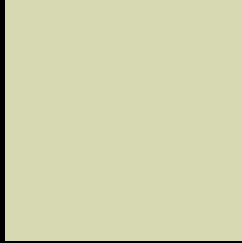
Large Text (above 18pt) WCAG AA × Fail

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 60.8731, 67.2871, 51.8988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

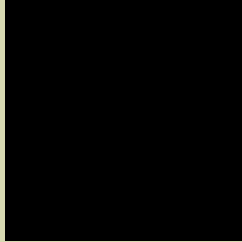
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

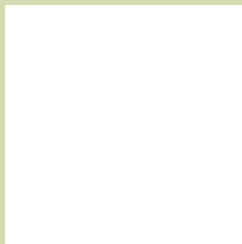
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8731, 67.2871, 51.8988

Background



This preview shows how black text looks on a background with the XYZ color 60.8731, 67.2871, 51.8988.



This preview shows how white text looks on a background with the XYZ color 60.8731, 67.2871,

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

60.8731, 67.2871, 51.8988

Protanopia

63.2471, 67.3965, 50.7496

Deuteranopia

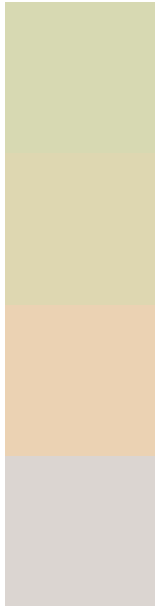
68.6673, 67.2121, 52.5341



Tritanopia

67.0359, 67.1688, 82.1048

Trichromacy



Original Color

60.8731, 67.2871, 51.8988

Protanomaly

62.3605, 67.3048, 51.2993

Deuteranomaly

65.4442, 67.0100, 52.1328

Tritanomaly

64.5163, 67.2520, 69.9022

Monochromacy



Original Color

60.8731, 67.2871, 51.8988

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9125, 66.4094, 64.1987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8731, 67.2871, 51.8988 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(215, 217, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 178)  
}
```

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(215, 217, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 178) }
```

Border

The CSS property to change the border of an element to XYZ 60.8731, 67.2871, 51.8988 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(215, 217, 178) }
```


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

```
.border{ border-color:rgb(215, 217, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 178);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8731, 67.2871, 51.8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 178) }
```

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

```
.background{ background-color: rgb(215,  
217, 178) }
```

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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