

Converting Colors

XYZ(58.3369, 65.8554, 49.2831)

Have a look what the booklet for
XYZ(58.3369, 65.8554, 49.2831)
contains.

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Color

**XYZ(58.3681, 66.0527,
49.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D9AD
RGB	208, 217, 173
RGB Percent	82%, 85%, 68%
CMY	0.1843, 0.1490, 0.3216
CMYK	0.04, 0.00, 0.20, 0.15
HSL	72°, 37%, 76%
HSV	72°, 20%, 85%
XYZ	58.3681, 66.0527, 49.2083
YIQ	209.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

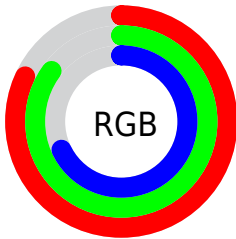
Format	Color
R _{YB}	173, 217, 182
Decimal	13687213
CIE _{Lab}	85.02, -10.45, 20.70
CIE _{LCh}	85, 23.186, 116.793
Y _{xy}	66.0527, 0.3362, 0.3804
Android (android.graphics.Color)	4291877293 (0xFFD0D9AD)
YUV	209.2930, -17.8924, -1.1340
Hunter-Lab	81.2728, -14.0332, 20.9926

Details

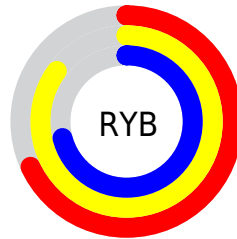
The XYZ color **58.3681, 66.0527, 49.2083** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7619, 44.8438, 71.8403**, and the grayscale version is **60.9063, 64.0782, 69.7811**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **29.4474, 33.9690, 22.7739** is the 20% darker color. If you saturate the color by 10%, you get **55.2060, 64.6479, 38.9753**, and if you desaturate by 10%, it is **61.9097, 67.6178, 61.2421**.

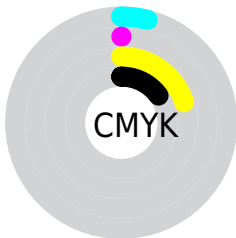
Distribution



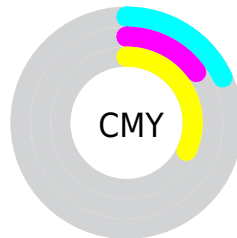
- Red (82%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)





- Cyan (18%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3681, 66.0527, 49.2083 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 58.3681, 66.0527, 49.2083 by changing the saturation by 10% instead.


 58.3681, 66.0527,
49.2083

 58.3681, 66.0527,
49.2083

408.4879,
446.5653, 400.2078

 42.3491, 48.3152,
34.4180


 101.5786,
113.5620, 90.3849

 29.5670, 34.0766,
22.9349


129.5008,
144.1025, 117.6083

 19.6566, 22.9524,
14.3406


162.1213,
179.6795, 149.8132

 12.2525, 14.5584,
8.2165

199.8057,
220.6774, 187.4180

 6.9893, 8.5100,
4.1440

242.9192,
267.4805, 230.8413

 3.5017, 4.4230,
1.7047

291.8271,

 1.4243, 1.9129,

320.4733, 280.5017

0.3639

346.8949,
380.0401, 336.8177

■ 0.2734, 0.5561,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3681, 66.0527,
49.2083

■ 58.3681, 66.0527,
49.2083

■ 55.2060, 64.6479,
38.9753

■ 61.9097, 67.6178,
61.2421

■ 52.4016, 63.3879,
30.4521

■ 65.8412, 69.3408,
75.1531

■ 49.9384, 62.2684,
23.5465

■ 70.1792, 71.2304,
91.0186

■ 47.7967, 61.2814,
18.1557

■ 74.1540, 72.9789,
104.7857

■ 45.9544, 60.4180,
14.1651

■ 75.5628, 73.7052,
104.8517

■ 44.3864, 59.6683,
11.4439

■ 77.0079, 74.4501,
104.9193

■ 43.0629, 59.0202,
9.8366

■ 78.4896, 75.2140,
104.9886

■ 41.9592, 58.4670,
9.0738

■ 80.0081, 75.9968,
105.0597

■ 81.5637, 76.7987,
105.1325

Harmonies

Analogous

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



63.3437, 66.0527, 46.8864



58.3681, 66.0527, 49.2083



54.7584, 66.0527, 57.3096

Triad

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



58.3681, 66.0527, 49.2083



57.4475, 66.0527, 98.7271



73.3358, 66.0527, 73.5387

Complementary

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



58.3681, 66.0527, 49.2083



46.7619, 44.8438, 71.8403

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.



71.5514, 66.0527, 88.8241



58.3681, 66.0527, 49.2083



62.2218, 66.0527, 104.5765

Square

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



58.3681, 66.0527, 49.2083



54.2480, 66.0527, 85.6594



67.4111, 66.0527, 100.7247



72.1652, 66.0527, 59.7347

Rectangle

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



58.3681, 66.0527, 49.2083



53.5151, 66.0527, 65.5560



67.4111, 66.0527, 100.7247



73.0593, 66.0527, 78.6834

Sweetspot

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



58.3698, 66.0556, 49.2097



91.5411, 98.4645, 96.3854



52.8474, 51.1448, 46.6227



19.5145, 21.0408, 20.3520



0.0000, 0.0000, 0.0000



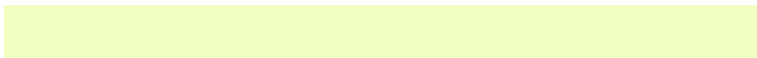
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3698, 66.0556, 49.2097



82.2569, 94.3677, 64.8006



52.6562, 63.1101, 48.9423



13.8877, 15.1224, 13.9125



25.4878, 35.4369, 5.4967



1.7185, 2.3304, 0.3592

Inverse Universe

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



46.7619, 44.8438, 71.8403



62.8408, 58.8828, 102.6612



52.3172, 47.7076, 72.1003



12.5864, 12.7449, 16.4488



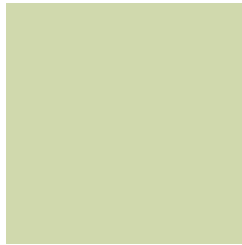
8.2913, 3.3985, 39.9574



0.6087, 0.2571, 2.5920

Previews

White Background



This preview shows how the XYZ color 58.3681, 66.0527, 49.2083 looks on a white background.

Color Contrast Check

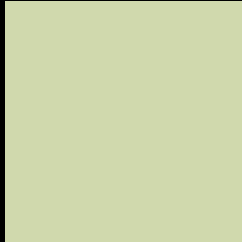
Large Text (above 18pt) WCAG AA × Fail

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 58.3681, 66.0527, 49.2083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

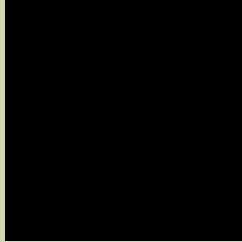
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

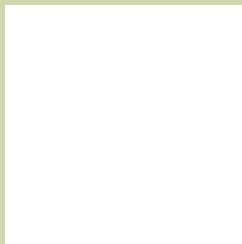
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3681, 66.0527, 49.2083

Background



This preview shows how black text looks on a background with the XYZ color 58.3681, 66.0527, 49.2083.



This preview shows how white text looks on a background with the XYZ color 58.3681, 66.0527,

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

58.3681, 66.0527, 49.2083

Protanopia

61.9455, 66.0348, 48.0092

Deuteranopia

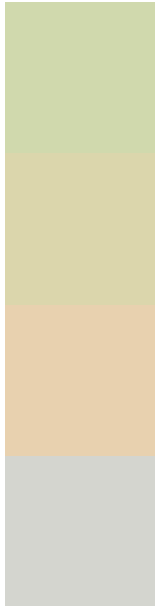
67.0855, 65.7328, 50.2262



Tritanopia

64.7984, 66.0312, 81.2816

Trichromacy



Original Color

58.3681, 66.0527, 49.2083

Protanomaly

60.7064, 66.1318, 48.5949

Deuteranomaly

63.8170, 65.8519, 49.9046

Tritanomaly

62.2081, 66.0905, 68.5095

Monochromacy



Original Color

58.3681, 66.0527, 49.2083

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8018, 64.6278, 61.5471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3681, 66.0527, 49.2083 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(208, 217, 173)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 173)  
}
```

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(208, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.3681, 66.0527, 49.2083 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(208, 217, 173) }
```


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

```
.border{ border-color:rgb(208, 217, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 217, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3681, 66.0527, 49.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 173) }
```

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

```
.background{ background-color: rgb(208,  
217, 173) }
```

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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