

Converting Colors

XYZ(58.8431, 65.4348, 45.1266)

Have a look what the booklet for
XYZ(58.8431, 65.4348, 45.1266)
contains.

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Color

**XYZ(59.1163, 65.7646,
45.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D7A5
RGB	215, 215, 165
RGB Percent	84%, 84%, 65%
CMY	0.1569, 0.1568, 0.3529
CMYK	0.00, 0.00, 0.23, 0.16
HSL	60°, 38%, 75%
HSV	60°, 23%, 84%
XYZ	59.1163, 65.7646, 45.1754
YIQ	209.3000, 16.0500, -15.5500

Conversions

Conversions Part 2

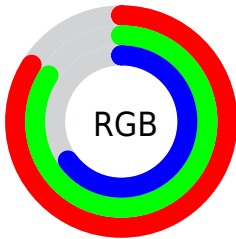
Format	Color
RYB	165, 215, 165
Decimal	14145445
CIELab	84.88, -8.01, 24.76
CIELCh	85, 26.019, 107.928
Yxy	65.7646, 0.3476, 0.3867
Android (android.graphics.Color)	429233525 (0xFFD7D7A5)
YUV	209.3000, -21.8399, 4.9989
Hunter-Lab	81.0954, -11.7953, 23.7384

Details

The XYZ color **59.1163, 65.7646, 45.1754** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.2405, 39.8177, 69.8057**, and the grayscale version is **60.9325, 64.1058, 69.8112**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **30.0486, 33.8074, 20.5645** is the 20% darker color. If you saturate the color by 10%, you get **57.3216, 65.0489, 35.7207**, and if you desaturate by 10%, it is **61.2434, 66.6178, 56.3656**.

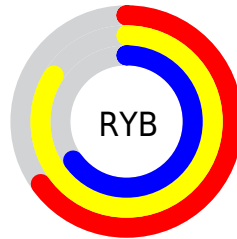
Distribution



Red (84%)

Green (84%)

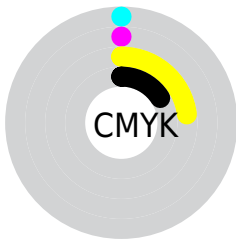
Blue (65%)



Red (65%)

Yellow (84%)

Blue (65%)

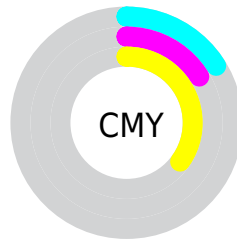


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.1163, 65.7646, 45.1754 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 59.1163, 65.7646, 45.1754 by changing the saturation by 10% instead.


 59.1163, 65.7646,
45.1754

 59.1163, 65.7646,
45.1754


411.2199,
445.5345, 383.6643

 42.9535, 48.0813,
31.2517


 102.6603,
113.1484, 84.3048

 30.0430, 33.8913,
20.5305


 130.7723,
143.6177, 110.3475

 20.0194, 22.8101,
12.5933


163.5979,
179.1179, 141.2670

 12.5175, 14.4534,
7.0217

201.5027,
220.0332, 177.4817

 7.1719, 8.4367,
3.3970

244.8519,
266.7482, 219.4103

 3.6171, 4.3756,
1.3008

294.0110,

 1.4879, 1.8858,

319.6471, 267.4712

0.0624

349.3452,
379.1144, 322.0830

■ 0.3176, 0.5398,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1163, 65.7646,
45.1754

■ 59.1163, 65.7646,
45.1754

■ 57.3216, 65.0489,
35.7207

■ 61.2434, 66.6178,
56.3656

■ 55.8379, 64.4553,
27.9108

■ 63.7132, 67.6058,
69.3677

■ 54.6488, 63.9796,
21.6529

■ 66.5416, 68.7372,
84.2585

■ 53.7349, 63.6140,
16.8437

■ 69.7422, 70.0175,
101.1092

■ 53.0740, 63.3496,
13.3669

■ 70.3796, 70.2726,
104.4623

■ 52.6407, 63.1762,
11.0887

■ 70.3803, 70.2729,
104.4623

■ 52.4043, 63.0815,
9.8474

■ 70.3809, 70.2733,
104.4624

■ 52.3212, 63.0482,
9.4119

■ 70.3816, 70.2736,
104.4624

■ 70.3823, 70.2739,
104.4624

Harmonies

Analogous

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



64.8836, 65.7646, 44.5532



59.1163, 65.7646, 45.1754



54.5421, 65.7646, 52.1590

Triad

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



59.1163, 65.7646, 45.1754



55.2857, 65.7646, 98.2094



74.1352, 65.7646, 78.5401

Complementary

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



59.1163, 65.7646, 45.1754



41.2405, 39.8177, 69.8057

Split Complementary

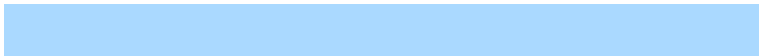
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2125, 65.7646, 95.3712



59.1163, 65.7646, 45.1754



60.1897, 65.7646, 107.8547

Square

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



59.1163, 65.7646, 45.1754



52.4271, 65.7646, 81.9616



66.0255, 65.7646, 106.7420



73.8032, 65.7646, 62.1624

Rectangle

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



59.1163, 65.7646, 45.1754



52.6743, 65.7646, 60.1964



66.0255, 65.7646, 106.7420



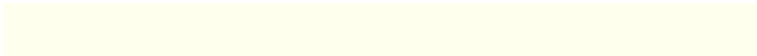
73.4936, 65.7646, 84.3743

Sweetspot

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



59.1180, 65.7675, 45.1768



92.3073, 98.9028, 94.4608



48.2732, 44.0756, 41.5614



19.7096, 21.1501, 19.9658



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.



59.1180, 65.7675, 45.1768



85.6071, 96.2225, 59.1887



52.3297, 62.2680, 44.8591



13.4728, 14.5199, 13.2532



31.2926, 37.7083, 5.6291



1.8875, 2.2744, 0.3395

Inverse Universe

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



41.2405, 39.8177, 69.8057



54.7808, 51.4770, 101.6565



46.9581, 42.7652, 70.0733



11.7428, 12.0088, 15.6365



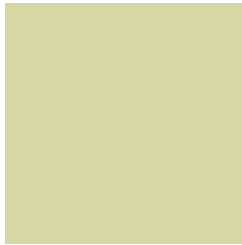
7.3366, 2.9347, 38.6329



0.4426, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 59.1163, 65.7646, 45.1754 looks on a white background.

Color Contrast Check

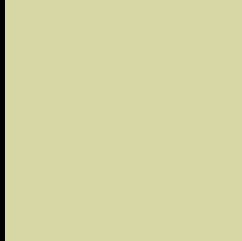
Large Text (above 18pt) WCAG AA × Fail

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 59.1163, 65.7646, 45.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

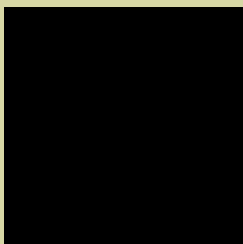
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

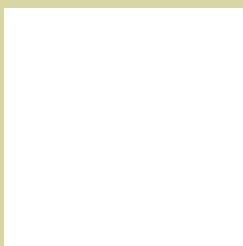
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1163, 65.7646, 45.1754

Background



This preview shows how black text looks on a background with the XYZ color 59.1163, 65.7646, 45.1754.



This preview shows how white text looks on a background with the XYZ color 59.1163, 65.7646,

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

59.1163, 65.7646, 45.1754

Protanopia

61.5184, 65.9001, 44.1279

Deuteranopia

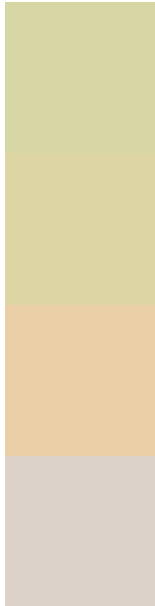
66.6888, 65.2760, 45.6439



Tritanopia

66.0635, 65.6413, 79.0002

Trichromacy



Original Color

59.1163, 65.7646, 45.1754

Protanomaly

60.6193, 65.7984, 44.6273

Deuteranomaly

63.4567, 65.0410, 45.2860

Tritanomaly

63.2225, 65.5731, 65.2018

Monochromacy



Original Color

59.1163, 65.7646, 45.1754

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7839, 64.2877, 59.7099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1163, 65.7646, 45.1754 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, 215, 165)` looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 165)  
}
```

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, 215, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.1163, 65.7646, 45.1754 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, 215, 165) }
```


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

```
.border{ border-color:rgb(215, 215, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 215, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 215, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 215, 165);  
box-shadow:4px 4px 4px 4px rgb(215, 215,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1163, 65.7646, 45.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 165) }
```

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

```
.background{ background-color: rgb(215,  
215, 165) }
```

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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