

Converting Colors

XYZ(59.7172, 69.1003, 45.7372)

Have a look what the booklet for
XYZ(59.7172, 69.1003, 45.7372)
contains.

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Color

**XYZ(59.7575, 69.1936,
45.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	D2DFA5
RGB	210, 223, 165
RGB Percent	82%, 87%, 65%
CMY	0.1765, 0.1255, 0.3529
CMYK	0.06, 0.00, 0.26, 0.13
HSL	73°, 48%, 76%
HSV	73°, 26%, 87%
XYZ	59.7575, 69.1936, 45.8035
YIQ	212.5010, 10.8700, -20.7940

Conversions

Conversions Part 2

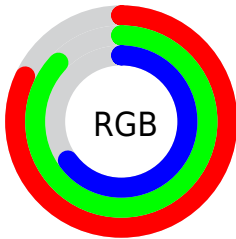
Format	Color
RYB	165, 223, 178
Decimal	13819813
CIELab	86.60, -13.90, 27.04
CIElCh	87, 30.404, 117.208
Yxy	69.1936, 0.3420, 0.3959
Android (android.graphics.Color)	4292009893 (0xFFD2DFA5)
YUV	212.5010, -23.4180, -2.1934
Hunter-Lab	83.1827, -17.3373, 25.5806

Details

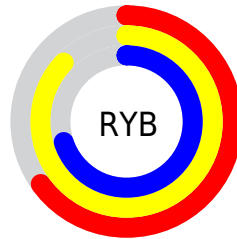
The XYZ color **59.7575, 69.1936, 45.8035** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.1374, 41.7049, 75.4868**, and the grayscale version is **63.0604, 66.3444, 72.2491**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **30.5008, 36.1661, 20.9960** is the 20% darker color. If you saturate the color by 10%, you get **56.5014, 67.7316, 35.9638**, and if you desaturate by 10%, it is **63.4157, 70.8263, 57.5123**.

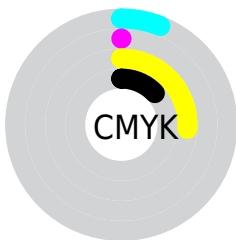
Distribution



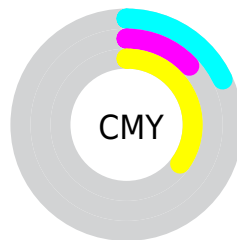
- Red (82%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7575, 69.1936, 45.8035 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 59.7575, 69.1936, 45.8035 by changing the saturation by 10% instead.

■ 59.7575, 69.1936,
45.8035

■ 59.7575, 69.1936,
45.8035

413.5524,
457.7135, 386.2727

■ 43.4719, 50.8694,
31.7432

■ 103.5862,
118.0581, 85.2560

■ 30.4517, 36.1047,
20.9023

■ 131.8599,
149.3671, 111.4854

■ 20.3315, 24.5151,
12.8620

164.8605,
185.7732, 142.6082

■ 12.7459, 15.7161,
7.2040

202.9532,
227.6607, 179.0429

■ 7.3296, 9.3235,
3.5096

246.5034,
275.4142, 221.2082

■ 3.7172, 4.9528,
1.3604

295.8764,

■ 1.5434, 2.2196,

329.4178, 269.5226

0.1105

351.4376,
390.0561, 324.4046

0.3551, 0.7306,
0.0000

0.0000, 0.0000,
0.0000

59.7575, 69.1936,
45.8035

59.7575, 69.1936,
45.8035

56.5014, 67.7316,
35.9638

63.4157, 70.8263,
57.5123

53.6231, 66.4235,
27.8920

67.4880, 72.6274,
71.1754

51.1041, 65.2641,
21.4839

71.9925, 74.6067,
86.8784

48.9218, 64.2444,
16.6230

76.9447, 76.7703,
104.7003

■ 47.0508, 63.3542,
13.1774

■ 78.7004, 77.6606,
105.4498

■ 45.4613, 62.5815,
10.9935

■ 80.3747, 78.5237,
105.5281

■ 44.1169, 61.9117,
9.8805

■ 82.0958, 79.4110,
105.6087

■ 43.6236, 61.6630,
9.6029

■ 83.8640, 80.3225,
105.6914

■ 85.6791, 81.2583,
105.7764

Harmonies

Analogous

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



66.4294, 69.1936, 42.8192



59.7575, 69.1936, 45.8035



55.0101, 69.1936, 56.1987

Triad

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



59.7575, 69.1936, 45.8035



58.6904, 69.1936, 112.9418



80.2661, 69.1936, 77.2481

Complementary

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



59.7575, 69.1936, 45.8035



45.1374, 41.7049, 75.4868

Split Complementary

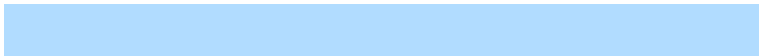
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8407, 69.1936, 98.3982



59.7575, 69.1936, 45.8035



65.1080, 69.1936, 121.1827

Square

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



59.7575, 69.1936, 45.8035



54.4257, 69.1936, 94.5340



72.1653, 69.1936, 115.4385



78.5824, 69.1936, 58.9377

Rectangle

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



59.7575, 69.1936, 45.8035



53.4059, 69.1936, 67.0621



72.1653, 69.1936, 115.4385



79.9006, 69.1936, 84.2726

Sweetspot

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



59.7593, 69.1967, 45.8050



90.2748, 97.8978, 92.4328



53.0597, 50.0753, 42.4673



19.1394, 20.8733, 19.1645



0.0000, 0.0000, 0.0000



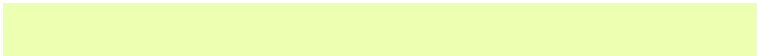
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7593, 69.1967, 45.8050



78.6087, 92.7046, 54.7990



52.3394, 65.3716, 45.4577



14.5554, 15.8665, 14.6022



25.7501, 36.3072, 5.6508



1.8596, 2.5552, 0.3952

Inverse Universe

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



45.1374, 41.7049, 75.4868



55.7302, 49.6773, 101.2591



52.3880, 45.4428, 75.8261



13.2381, 13.3908, 17.2746



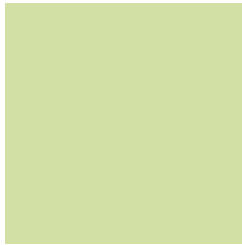
8.6854, 3.5728, 41.2802



0.6790, 0.2874, 2.8649

Previews

White Background



This preview shows how the XYZ color 59.7575, 69.1936, 45.8035 looks on a white background.

Color Contrast Check

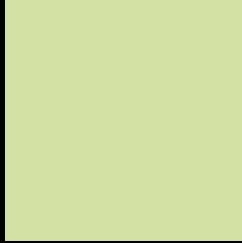
Large Text (above 18pt) WCAG AA × Fail

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 59.7575, 69.1936, 45.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

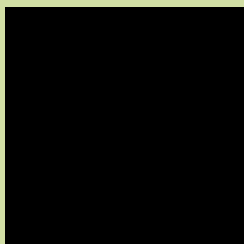
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

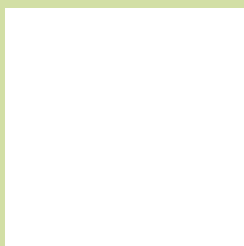
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7575, 69.1936, 45.8035

Background



This preview shows how black text looks on a background with the XYZ color 59.7575, 69.1936, 45.8035.



This preview shows how white text looks on a background with the XYZ color 59.7575, 69.1936,

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

59.7575, 69.1936, 45.8035

Protanopia

64.3562, 68.8762, 44.0849

Deuteranopia

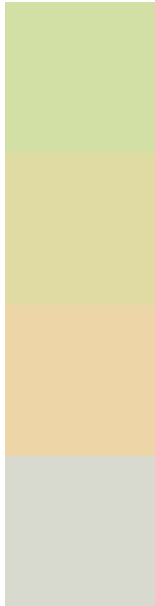
70.4968, 69.0097, 46.6504



Tritanopia

67.6838, 68.9227, 85.3374

Trichromacy



Original Color

59.7575, 69.1936, 45.8035

Protanomaly

62.6828, 69.1547, 44.6948

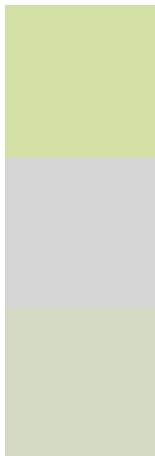
Deuteranomaly

66.0292, 68.5557, 46.3117

Tritanomaly

64.3942, 68.7296, 68.9037

Monochromacy



Original Color

59.7575, 69.1936, 45.8035

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.9280, 67.6083, 62.0103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7575, 69.1936, 45.8035 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, 223, 165) looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 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(210, 223, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 165) }
```

Border

The CSS property to change the border of an element to XYZ 59.7575, 69.1936, 45.8035 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, 223, 165) }
```


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

```
.border{ border-color:rgb(210, 223, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 223, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 223, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 223, 165); box-shadow:4px 4px 4px 4px rgb(210, 223, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7575, 69.1936, 45.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 165) }
```

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

```
.background{ background-color: rgb(210,  
223, 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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