

Converting Colors

XYZ(59.4790, 65.4847, 57.2810)

Have a look what the booklet for
XYZ(59.4790, 65.4847, 57.2810)
contains.

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Color

**XYZ(59.4182, 65.2793,
57.0454)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D6BC
RGB	209, 214, 188
RGB Percent	82%, 84%, 74%
CMY	0.1804, 0.1608, 0.2627
CMYK	0.02, 0.00, 0.12, 0.16
HSL	72°, 24%, 79%
HSV	72°, 12%, 84%
XYZ	59.4182, 65.2793, 57.0454
YIQ	209.5410, 5.3660, -9.1460

Conversions

Conversions Part 2

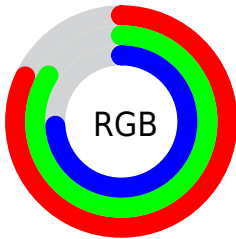
Format	Color
R _{YB}	188, 214, 193
Decimal	13751996
CIE Lab	84.63, -6.21, 12.26
CIE LCh	85, 13.747, 116.863
Yxy	65.2793, 0.3269, 0.3592
Android (android.graphics.Color)	4291942076 (0xFFD1D6BC)
YUV	209.5410, -10.6197, -0.4745
Hunter-Lab	80.7956, -10.1210, 14.6955

Details

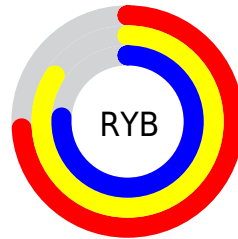
The XYZ color **59.4182, 65.2793, 57.0454** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1156, 52.1606, 70.9430**, and the grayscale version is **61.0241, 64.2022, 69.9161**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **30.0977, 33.4156, 27.7852** is the 20% darker color. If you saturate the color by 10%, you get **56.1306, 63.8335, 45.7289**, and if you desaturate by 10%, it is **63.0816, 66.8832, 70.1679**.

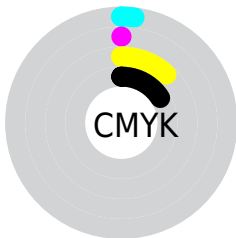
Distribution



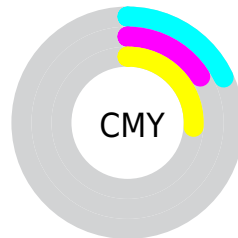
- Red (82%)
- Green (84%)
- Blue (74%)



- Red (74%)
- Yellow (84%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4182, 65.2793, 57.0454 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 59.4182, 65.2793, 57.0454 by changing the saturation by 10% instead.

■ 59.4182, 65.2793,
57.0454

■ 59.4182, 65.2793,
57.0454

412.3191,
443.7950, 431.1179

■ 43.1975, 47.6876,
40.6321

■ 103.0964,
112.4513, 102.0324

■ 30.2353, 33.5796,
27.7142

131.2846,
142.8004, 131.4432

■ 20.1662, 22.5708,
17.8732

164.1927,
178.1707, 166.0236

■ 12.6249, 14.2769,
10.6905

202.1861,
218.9467, 206.1921

■ 7.2460, 8.3135,
5.7476

245.6300,
265.5127, 252.3672

■ 3.6641, 4.2962,
2.6259

294.8900,

■ 1.5139, 1.8406,

318.2532, 304.9675

0.9058

350.3312,
377.5525, 364.4116

■ 0.3353, 0.5123,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4182, 65.2793,
57.0454

■ 59.4182, 65.2793,
57.0454

■ 56.1306, 63.8335,
45.7289

■ 63.0816, 66.8832,
70.1679

■ 53.1983, 62.5312,
36.1351

■ 67.1298, 68.6423,
85.1664

■ 50.6068, 61.3686,
28.1806

■ 71.5781, 70.5650,
102.1122

■ 48.3382, 60.3385,
21.7733

■ 73.2973, 71.3997,
104.5261

46.3732, 59.4333,
16.8120

74.6004, 72.0714,
104.5871

44.6900, 58.6441,
13.1836

75.9347, 72.7593,
104.6495

43.2636, 57.9611,
10.7579

77.3004, 73.4634,
104.7134

42.0644, 57.3721,
9.3789

78.6978, 74.1837,
104.7788

41.2422, 56.9598,
8.8206

80.1270, 74.9205,
104.8457

Harmonies

Analogous

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



62.3694, 65.2793, 55.5067



59.4182, 65.2793, 57.0454



57.2358, 65.2793, 62.2361

Triad

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



59.4182, 65.2793, 57.0454



58.8765, 65.2793, 86.1859



68.1253, 65.2793, 72.0068

Complementary

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



59.4182, 65.2793, 57.0454



52.1156, 52.1606, 70.9430

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.



67.1185, 65.2793, 80.7202



59.4182, 65.2793, 57.0454



61.7237, 65.2793, 89.3191

Square

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



59.4182, 65.2793, 57.0454



56.9304, 65.2793, 78.9894



64.7502, 65.2793, 87.2417



67.4593, 65.2793, 63.7135

Rectangle

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



59.4182, 65.2793, 57.0454



56.4762, 65.2793, 67.3066



64.7502, 65.2793, 87.2417



67.9705, 65.2793, 74.9879

Sweetspot

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



59.4200, 65.2821, 57.0468



92.7324, 98.9900, 100.4457



55.8293, 55.9657, 55.4378



19.7575, 21.1482, 21.1701



0.0000, 0.0000, 0.0000



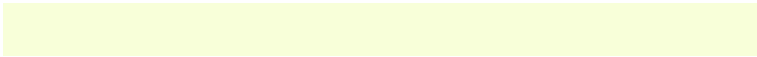
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4200, 65.2821, 57.0468



86.8355, 96.4073, 79.5070



55.9516, 63.4941, 56.8845



13.2277, 14.3936, 13.2418



25.0112, 34.4701, 5.3352



1.5701, 2.1108, 0.3247

Inverse Universe

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



52.1156, 52.1606, 70.9430



73.5733, 72.5819, 104.7397



55.5118, 53.9115, 71.1020



11.9635, 12.1226, 15.6469



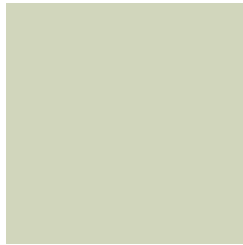
7.9597, 3.2559, 38.6621



0.5469, 0.2308, 2.3350

Previews

White Background



This preview shows how the XYZ color 59.4182, 65.2793, 57.0454 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 59.4182, 65.2793, 57.0454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

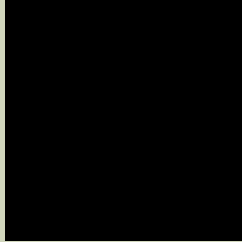
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

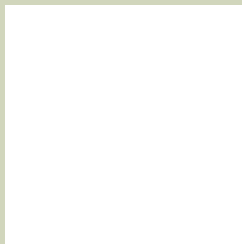
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4182, 65.2793, 57.0454

Background



This preview shows how black text looks on a background with the XYZ color 59.4182, 65.2793, 57.0454.



This preview shows how white text looks on a background with the XYZ color 59.4182, 65.2793,

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

59.4182, 65.2793, 57.0454

Protanopia

61.7283, 65.0105, 55.7492

Deuteranopia

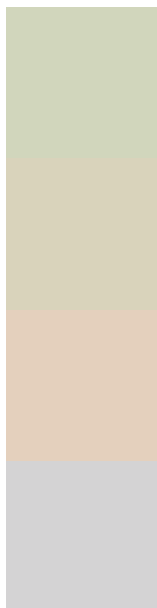
66.4837, 65.2542, 57.8064



Tritanopia

64.1226, 65.3333, 80.4651

Trichromacy



Original Color

59.4182, 65.2793, 57.0454

Protanomaly

60.8792, 64.9281, 56.3374

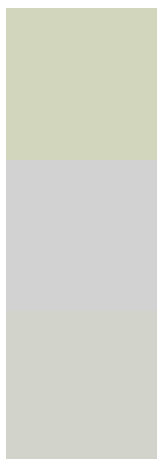
Deuteranomaly

63.7361, 65.2799, 57.3851

Tritanomaly

62.3293, 65.3390, 71.6139

Monochromacy



Original Color

59.4182, 65.2793, 57.0454

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.5333, 64.5544, 65.1469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4182, 65.2793, 57.0454 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, 214, 188) looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 188)  
}
```

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, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 188) }
```

Border

The CSS property to change the border of an element to XYZ 59.4182, 65.2793, 57.0454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

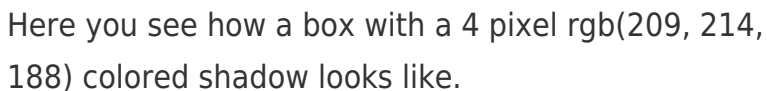
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 214, 188) }
```


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

```
.border{ border-color:rgb(209, 214, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 214, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 214, 188); box-shadow:4px 4px 4px 4px rgb(209, 214, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4182, 65.2793, 57.0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 188) }
```

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

```
.background{ background-color: rgb(209,  
214, 188) }
```

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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