

Converting Colors

XYZ(58.3589, 61.5044, 63.6584)

Have a look what the booklet for
XYZ(58.3589, 61.5044, 63.6584)
contains.

XYZ(58.5091, 61.7226, 63.4735)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.5091, 61.7226,
63.4735)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CEC8
RGB	208, 206, 200
RGB Percent	82%, 81%, 78%
CMY	0.1843, 0.1921, 0.2157
CMYK	0.00, 0.01, 0.04, 0.18
HSL	45°, 8%, 80%
HSV	45°, 4%, 82%
XYZ	58.5091, 61.7226, 63.4735
YIQ	205.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

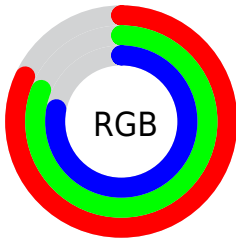
Format	Color
R _Y B	203, 208, 200
Decimal	13684424
CIE Lab	82.77, -0.38, 3.21
CIE LCh	83, 3.234, 96.722
Yxy	61.7226, 0.3185, 0.3360
Android (android.graphics.Color)	4291874504 (0xFFD0CEC8)
YUV	205.9140, -2.9156, 1.8294
Hunter-Lab	78.5637, -4.5515, 7.0928

Details

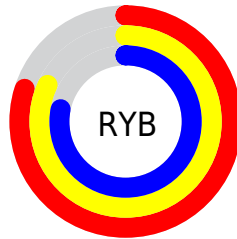
The XYZ color **58.5091, 61.7226, 63.4735** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3253, 59.0739, 68.1092**, and the grayscale version is **58.6293, 61.6826, 67.1724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7430, 31.4018, 31.6877** is the 20% darker color. If you saturate the color by 10%, you get **55.0131, 58.3594, 51.1197**, and if you desaturate by 10%, it is **62.3806, 65.3060, 77.5857**.

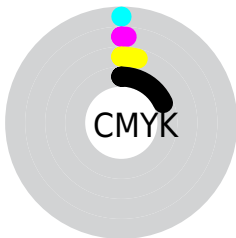
Distribution



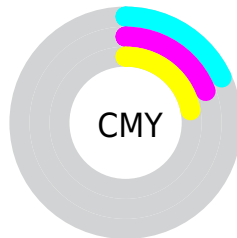
- Red (82%)
- Green (81%)
- Blue (78%)



- Red (80%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5091, 61.7226, 63.4735 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 58.5091, 61.7226, 63.4735 by changing the saturation by 10% instead.

■ 58.5091, 61.7226,
63.4735

■ 58.5091, 61.7226,
63.4735

409.0036,
430.9185, 455.4410

■ 42.4629, 44.8086,
45.7809

101.7826,
107.3245, 111.4445

■ 29.6566, 31.3067,
31.7256

129.7406,
136.7812, 142.5600

■ 19.7249, 20.8325,
20.8889

162.3999,
171.1876, 178.9869

■ 12.3023, 13.0016,
12.8523

200.1259,
210.9280, 221.1437

■ 7.0236, 7.4297,
7.1974

243.2839,
256.3870, 269.4490

■ 3.5233, 3.7322,
3.5056

292.2393,

■ 1.4362, 1.5249,

307.9487, 324.3213

1.3582

347.3574,
365.9978, 386.1791

■ 0.2818, 0.3062,
0.1088

■ 0.0000, 0.0000,
0.0000

■ 58.5091, 61.7226,
63.4735

■ 58.5091, 61.7226,
63.4735

■ 55.0131, 58.3594,
51.1197

■ 62.3806, 65.3060,
77.5857

■ 51.8739, 55.2023,
40.4502

■ 66.6353, 69.1075,
93.5182

■ 49.0784, 52.2475,
31.3917

■ 70.0723, 72.6491,
104.9372

■ 46.6112, 49.4882,
23.8638

■ 71.4690, 75.4425,
105.4028

■ 44.4553, 46.9168,
17.7793

■ 72.9085, 78.3214,
105.8826

■ 42.5919, 44.5253,
13.0421

■ 74.3912, 81.2868,
106.3768

■ 41.0004, 42.3047,
9.5442

■ 75.9173, 84.3391,
106.8855

■ 39.6564, 40.2445,
7.1612

■ 77.4874, 87.4792,
107.4089

■ 38.5312, 38.3326,
5.7422

■ 79.1017, 90.7079,
107.9470

Harmonies

Analogous

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



59.1955, 61.7226, 63.7486



58.5091, 61.7226, 63.4735



57.8696, 61.7226, 64.1824

Triad

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



58.5091, 61.7226, 63.4735



57.6002, 61.7226, 69.5213



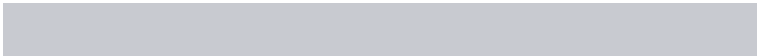
59.9024, 61.7226, 68.7302

Complementary

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



58.5091, 61.7226, 63.4735



56.3253, 59.0739, 68.1092

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.



59.4687, 61.7226, 70.3219



58.5091, 61.7226, 63.4735



58.1386, 61.7226, 70.7850

Square

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



58.5091, 61.7226, 63.4735



57.3475, 61.7226, 67.6547



58.8221, 61.7226, 71.0808



60.0035, 61.7226, 66.7582

Rectangle

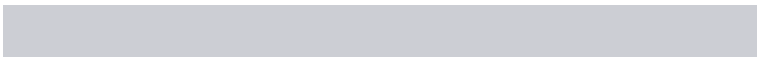
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5091, 61.7226, 63.4735



57.5547, 61.7226, 65.1260



58.8221, 61.7226, 71.0808



59.7905, 61.7226, 69.3287

Sweetspot

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



58.5108, 61.7253, 63.4748



94.4394, 99.4315, 106.6845



57.3283, 58.9837, 64.2415



20.2204, 21.2884, 22.8582



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.



58.5108, 61.7253, 63.4748



92.0578, 97.1923, 98.1094



58.4358, 62.4047, 63.6099



12.8394, 13.5606, 13.5647



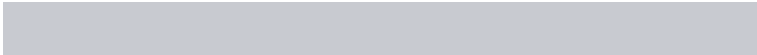
23.7112, 23.3554, 3.2583



1.3865, 1.4274, 0.2024

Inverse Universe

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



56.3253, 59.0739, 68.1092



87.5371, 91.7081, 107.6955



56.3975, 58.4202, 67.9792



12.1358, 12.7070, 15.0567



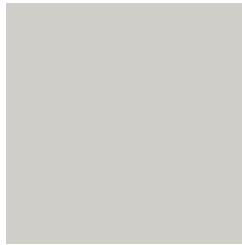
7.9240, 4.4946, 37.6424



0.5073, 0.3798, 2.1261

Previews

White Background



This preview shows how the XYZ color 58.5091, 61.7226, 63.4735 looks on a white background.

Color Contrast Check

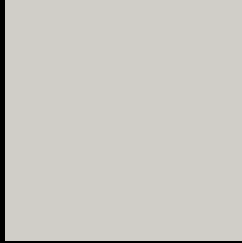
Large Text (above 18pt) WCAG AA × Fail

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 58.5091, 61.7226, 63.4735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

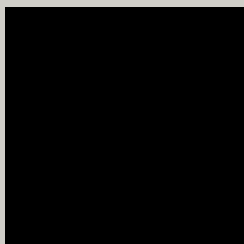
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

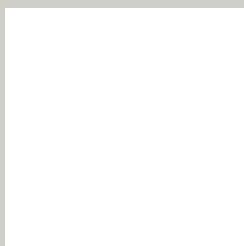
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5091, 61.7226, 63.4735

Background



This preview shows how black text looks on a background with the XYZ color 58.5091, 61.7226, 63.4735.

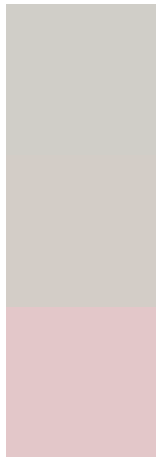


This preview shows how white text looks on a background with the XYZ color 58.5091, 61.7226,

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

58.5091, 61.7226, 63.4735

Protanopia

59.0041, 61.6350, 62.8197

Deuteranopia

62.6446, 61.3948, 63.8070



Tritanopia

61.0061, 61.6752, 75.7070

Trichromacy



Original Color

58.5091, 61.7226, 63.4735

Protanomaly

58.7185, 61.4878, 62.8064

Deuteranomaly

61.1783, 61.6737, 63.9381

Tritanomaly

60.0549, 61.6408, 71.0200

Monochromacy



Original Color

58.5091, 61.7226, 63.4735

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7025, 61.7676, 65.9551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5091, 61.7226, 63.4735 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, 206, 200) looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 200)  
}
```

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, 206, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 200) }
```

Border

The CSS property to change the border of an element to XYZ 58.5091, 61.7226, 63.4735 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, 206, 200) }
```


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

```
.border{ border-color:rgb(208, 206, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5091, 61.7226, 63.4735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 200) }
```

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

```
.background{ background-color: rgb(208,  
206, 200) }
```

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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