

Converting Colors

XYZ(59.0272, 63.0701, 65.4546)

Have a look what the booklet for
XYZ(59.0272, 63.0701, 65.4546)
contains.

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Color

**XYZ(59.0336, 63.0345,
65.5554)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1CB
RGB	206, 209, 203
RGB Percent	81%, 82%, 80%
CMY	0.1922, 0.1804, 0.2039
CMYK	0.01, 0.00, 0.03, 0.18
HSL	90°, 6%, 81%
HSV	90°, 3%, 82%
XYZ	59.0336, 63.0345, 65.5554
YIQ	207.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

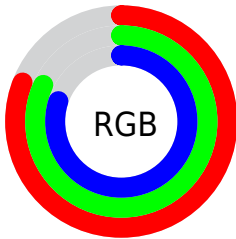
Format	Color
RYB	203, 209, 206
Decimal	13554123
CIELab	83.46, -2.11, 2.60
CIELCh	83, 3.349, 128.979
Yxy	63.0345, 0.3146, 0.3360
Android (android.graphics.Color)	4291744203 (0xFFCED1CB)
YUV	207.4190, -2.1786, -1.2445
Hunter-Lab	79.3943, -6.2163, 6.6206

Details

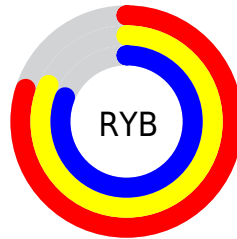
The XYZ color **59.0336, 63.0345, 65.5554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3204, 60.4388, 68.9168**, and the grayscale version is **59.5934, 62.6969, 68.2770**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0951, 32.2880, 33.0798** is the 20% darker color. If you saturate the color by 10%, you get **53.9026, 60.6598, 53.1783**, and if you desaturate by 10%, it is **64.6971, 65.6485, 79.7129**.

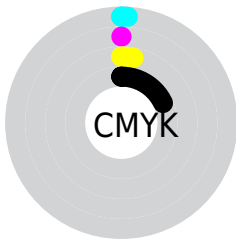
Distribution



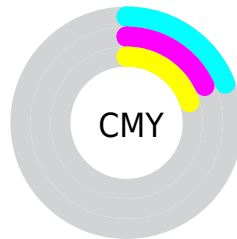
- Red (81%)
- Green (82%)
- Blue (80%)



- Red (80%)
- Yellow (82%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0336, 63.0345, 65.5554 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 59.0336, 63.0345, 65.5554 by changing the saturation by 10% instead.

■ 59.0336, 63.0345,
65.5554

■ 59.0336, 63.0345,
65.5554

410.9185,
435.6947, 463.1459

■ 42.8866, 45.8691,
47.4574

102.5408,
109.2193, 114.4689

■ 29.9903, 32.1426,
33.0404

130.6318,
139.0075, 146.1214

■ 19.9793, 21.4704,
21.8861

163.4349,
173.7721, 183.1292

■ 12.4882, 13.4683,
13.5757

201.3154,
213.8974, 225.9108

■ 7.1516, 7.7518,
7.6908

244.6386,
259.7680, 274.8847

■ 3.6043, 3.9365,
3.8128

293.7700,

■ 1.4808, 1.6381,

311.7681, 330.4695

1.5232

349.0748,
370.2822, 393.0837

■ 0.3127, 0.3831,
0.2351

■ 0.0000, 0.0000,
0.0000

■ 59.0336, 63.0345,
65.5554

■ 59.0336, 63.0345,
65.5554

■ 53.9026, 60.6598,
53.1783

■ 64.6971, 65.6485,
79.7129

■ 49.2817, 58.5091,
42.5070

■ 70.9041, 68.5006,
95.7131

■ 45.1546, 56.5773,
33.4677

■ 75.9000, 70.8914,
104.2908

■ 41.5022, 54.8563,
25.9798

■ 79.5009, 72.7477,
104.4593

■ 38.3036, 53.3374,
19.9556

■ 82.0917, 74.0833,
104.5806

■ 35.5364, 52.0111,
15.2987

■ 33.1757, 50.8669,
11.9013

■ 31.1934, 49.8930,
9.6392

■ 29.5564, 49.0757,
8.3629

Harmonies

Analogous

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



59.6935, 63.0345, 64.7384



59.0336, 63.0345, 65.5554



58.6114, 63.0345, 67.2016

Triad

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



59.0336, 63.0345, 65.5554



59.4102, 63.0345, 72.4559



61.3099, 63.0345, 68.0082

Complementary

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



59.0336, 63.0345, 65.5554



58.3204, 60.4388, 68.9168

Split Complementary

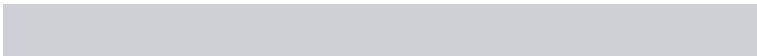
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.2325, 63.0345, 70.0863



59.0336, 63.0345, 65.5554



60.1318, 63.0345, 72.6825

Square

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



59.0336, 63.0345, 65.5554



58.8276, 63.0345, 71.1943



60.7999, 63.0345, 71.8072



61.0104, 63.0345, 66.1356

Rectangle

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



59.0336, 63.0345, 65.5554



58.5196, 63.0345, 68.5622



60.7999, 63.0345, 71.8072



61.3271, 63.0345, 68.7055

Sweetspot

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



59.0354, 63.0372, 65.5568



94.1743, 99.5957, 106.7302



59.1476, 62.0120, 65.3530



20.1664, 21.3218, 22.8675



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.



59.0354, 63.0372, 65.5568



92.4486, 98.7984, 102.4766



58.2103, 62.6119, 65.5182



12.8555, 13.7906, 14.1345



17.7237, 30.0058, 4.8576



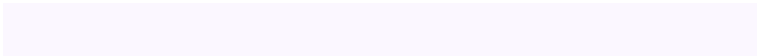
1.0825, 1.7249, 0.2759

Inverse Universe

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



58.3204, 60.4388, 68.9168



91.2654, 94.4979, 108.0375



59.1614, 60.8723, 68.9561



12.6511, 13.0475, 15.0953



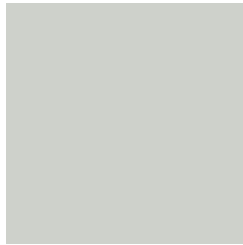
10.7695, 4.7322, 37.5383



0.6937, 0.3118, 2.1032

Previews

White Background



This preview shows how the XYZ color 59.0336, 63.0345, 65.5554 looks on a white background.

Color Contrast Check

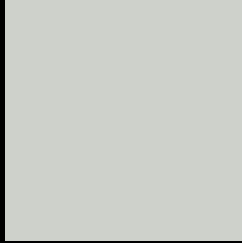
Large Text (above 18pt) WCAG AA × Fail

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 59.0336, 63.0345, 65.5554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

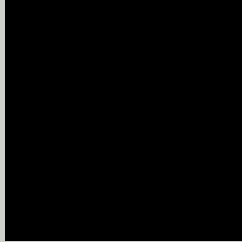
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

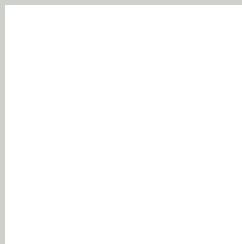
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0336, 63.0345, 65.5554

Background



This preview shows how black text looks on a background with the XYZ color 59.0336, 63.0345, 65.5554.



This preview shows how white text looks on a background with the XYZ color 59.0336, 63.0345,

65.5554.

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

59.0336, 63.0345, 65.5554

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.2192, 62.8391, 66.5020



Tritanopia

61.5506, 62.9718, 78.0180

Trichromacy



Original Color

59.0336, 63.0345, 65.5554

Protanomaly

59.7949, 63.0777, 64.9008

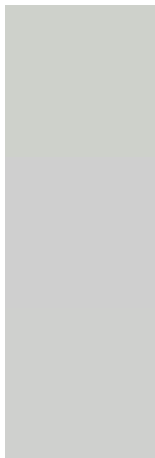
Deuteranomaly

62.3107, 62.9175, 65.9869

Tritanomaly

60.5910, 62.9418, 73.2455

Monochromacy



Original Color

59.0336, 63.0345, 65.5554

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4286, 62.8334, 67.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0336, 63.0345, 65.5554 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(206, 209, 203) looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 203)  
}
```

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(206, 209, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.0336, 63.0345, 65.5554 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(206, 209, 203) }
```


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

```
.border{ border-color:rgb(206, 209, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0336, 63.0345, 65.5554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 203) }
```

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

```
.background{ background-color: rgb(206,  
209, 203) }
```

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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