

Converting Colors

XYZ(59.4362, 65.9417, 63.2635)

Have a look what the booklet for
XYZ(59.4362, 65.9417, 63.2635)
contains.

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Color

**XYZ(59.3775, 65.8855,
63.0137)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD8C6
RGB	203, 216, 198
RGB Percent	80%, 85%, 78%
CMY	0.2039, 0.1529, 0.2235
CMYK	0.06, 0.00, 0.08, 0.15
HSL	103°, 19%, 81%
HSV	103°, 8%, 85%
XYZ	59.3775, 65.8855, 63.0137
YIQ	210.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

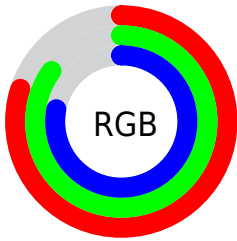
Format	Color
RYB	198, 216, 211
Decimal	13359302
CIELab	84.94, -7.65, 7.36
CIELCh	85, 10.616, 136.092
Yxy	65.8855, 0.3154, 0.3499
Android (android.graphics.Color)	4291549382 (0xFFC8D8C6)
YUV	210.0610, -5.9461, -6.1925
Hunter-Lab	81.1699, -11.4707, 10.7910

Details

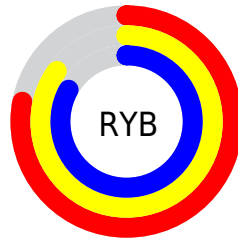
The XYZ color **59.3775, 65.8855, 63.0137** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4554, 59.1967, 73.2617**, and the grayscale version is **61.3389, 64.5333, 70.2768**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1733, 33.8929, 31.3372** is the 20% darker color. If you saturate the color by 10%, you get **53.0247, 62.8801, 50.6250**, and if you desaturate by 10%, it is **66.5170, 69.2592, 77.2967**.

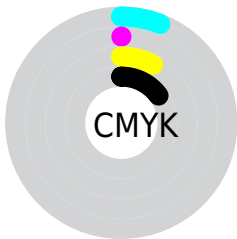
Distribution



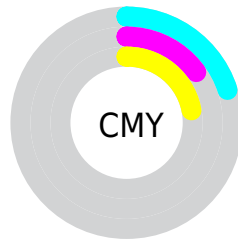
- Red (80%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3775, 65.8855, 63.0137 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 59.3775, 65.8855, 63.0137 by changing the saturation by 10% instead.

■ 59.3775, 65.8855,
63.0137

■ 59.3775, 65.8855,
63.0137

412.1710,
445.9673, 453.7285

■ 43.1646, 48.1795,
45.4112

103.0376,
113.3220, 110.7750

■ 30.2094, 33.9690,
31.4362

131.2156,
143.8212, 141.7710

■ 20.1464, 22.8698,
20.6699

164.1126,
179.3536, 178.0685

■ 12.6104, 14.4974,
12.6941

202.0940,
220.3036, 220.0861

■ 7.2360, 8.4674,
7.0900

245.5252,
267.0556, 268.2424

■ 3.6577, 4.3955,
3.4391

294.7715,

■ 1.5104, 1.8972,

319.9939, 322.9559

1.3230

350.1984,
379.5030, 384.6451

■ 0.3329, 0.5467,
0.0805

■ 0.0000, 0.0000,
0.0000

■ 59.3775, 65.8855,
63.0137

■ 59.3775, 65.8855,
63.0137

■ 53.0247, 62.8801,
50.6250

■ 66.5170, 69.2592,
77.2967

■ 47.4255, 60.2219,
40.0470

■ 74.4638, 73.0046,
93.5445

■ 42.5527, 57.9007,
31.1960

■ 81.9626, 76.6228,
105.0775

■ 38.3749, 55.9024,
23.9803

■ 83.8472, 77.5944,
105.1657

■ 34.8586, 54.2118,
18.2993

■ 31.9673, 52.8125,
14.0418

■ 29.6604, 51.6864,
11.0812

■ 27.8918, 50.8129,
9.2687

■ 26.6002, 50.1653,
8.3842

Harmonies

Analogous

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



61.3602, 65.8855, 59.8496



59.3775, 65.8855, 63.0137



58.2773, 65.8855, 68.6287

Triad

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



59.3775, 65.8855, 63.0137



61.5268, 65.8855, 85.2503



67.1304, 65.8855, 68.1606

Complementary

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



59.3775, 65.8855, 63.0137



59.4554, 59.1967, 73.2617

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.



67.1778, 65.8855, 74.9401



59.3775, 65.8855, 63.0137



63.9013, 65.8855, 85.1051

Square

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



59.3775, 65.8855, 63.0137



59.4968, 65.8855, 81.6177



65.9830, 65.8855, 81.2328



65.8552, 65.8855, 62.6898

Rectangle

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



59.3775, 65.8855, 63.0137



58.1740, 65.8855, 73.1403



65.9830, 65.8855, 81.2328



67.2916, 65.8855, 70.3540

Sweetspot

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



59.3793, 65.8883, 63.0151



91.8388, 98.4841, 102.4480



61.7841, 65.2179, 62.7590



19.4775, 20.9947, 21.5684



0.0000, 0.0000, 0.0000



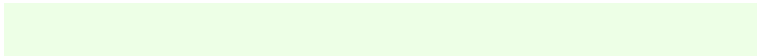
20.3446, 21.4041, 23.3091

Same Dimension

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



59.3793, 65.8883, 63.0151



84.7582, 95.1376, 88.3915



58.4954, 65.3800, 65.3531



12.5829, 14.0612, 13.2116



15.7275, 29.6841, 4.9007



1.0288, 1.8318, 0.2993

Inverse Universe

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



59.4554, 59.1967, 73.2617



84.8905, 83.4773, 106.2463



60.4117, 59.7473, 70.7048



12.6012, 12.4513, 15.6767



15.5629, 7.1755, 39.0179



1.0170, 0.4732, 2.3570

Previews

White Background



This preview shows how the XYZ color 59.3775, 65.8855, 63.0137 looks on a white background.

Color Contrast Check

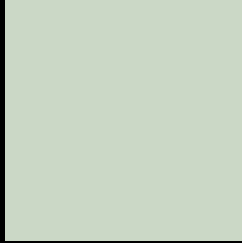
Large Text (above 18pt) WCAG AA × Fail

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 59.3775, 65.8855, 63.0137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

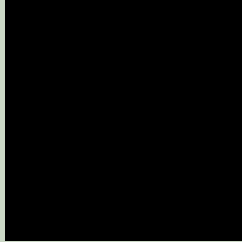
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

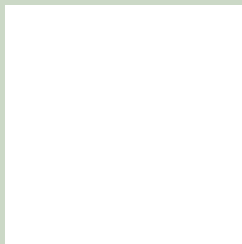
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3775, 65.8855, 63.0137

Background



This preview shows how black text looks on a background with the XYZ color 59.3775, 65.8855, 63.0137.



This preview shows how white text looks on a background with the XYZ color 59.3775, 65.8855,

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

59.3775, 65.8855, 63.0137

Protanopia

62.6598, 65.7443, 61.0172

Deuteranopia

67.1817, 65.8373, 63.8106



Tritanopia

63.5595, 66.0983, 82.8071

Trichromacy



Original Color

59.3775, 65.8855, 63.0137

Protanomaly

61.4896, 65.8702, 61.6979

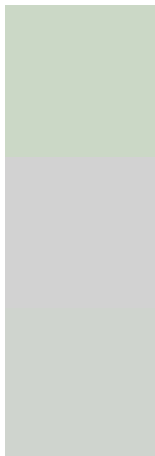
Deuteranomaly

64.1606, 65.7320, 63.3387

Tritanomaly

61.7722, 65.7201, 75.0751

Monochromacy



Original Color

59.3775, 65.8855, 63.0137

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4162, 64.8086, 67.7176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3775, 65.8855, 63.0137 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(203, 216, 198) looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 198)  
}
```

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(203, 216, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.3775, 65.8855, 63.0137 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(203, 216, 198) }
```


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

```
.border{ border-color:rgb(203, 216, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 216, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 198);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3775, 65.8855, 63.0137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 198) }
```

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

```
.background{ background-color: rgb(203,  
216, 198) }
```

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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