

Converting Colors

XYZ(58.9637, 67.8558, 64.3767)

Have a look what the booklet for
XYZ(58.9637, 67.8558, 64.3767)
contains.

XYZ(59.0523, 68.0148, 64.6594)	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(59.0523, 68.0148,
64.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DEC8
RGB	195, 222, 200
RGB Percent	76%, 87%, 78%
CMY	0.2353, 0.1294, 0.2157
CMYK	0.12, 0.00, 0.10, 0.13
HSL	131°, 29%, 82%
HSV	131°, 12%, 87%
XYZ	59.0523, 68.0148, 64.6594
YIQ	211.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

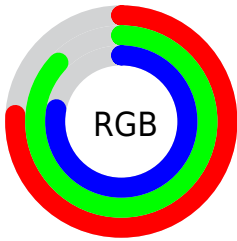
Format	Color
RYB	195, 218, 222
Decimal	12836552
CIELab	86.01, -13.07, 7.78
CIELCh	86, 15.207, 149.236
Yxy	68.0148, 0.3080, 0.3547
Android (android.graphics.Color)	4291026632 (0xFFC3DEC8)
YUV	211.4190, -5.6296, -14.3995
Hunter-Lab	82.4711, -16.5119, 11.2449

Details

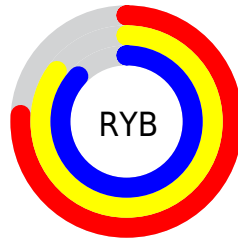
The XYZ color **59.0523, 68.0148, 64.6594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.1661, 59.5712, 73.8707**, and the grayscale version is **62.2359, 65.4770, 71.3045**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.9915, 35.3755, 32.4416** is the 20% darker color. If you saturate the color by 10%, you get **51.7466, 64.4805, 53.9270**, and if you desaturate by 10%, it is **67.4648, 72.0946, 76.7522**.

Distribution



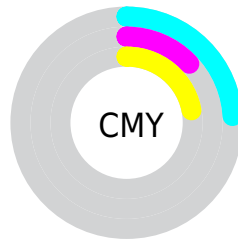
- Red (76%)
- Green (87%)
- Blue (78%)



- Red (76%)
- Yellow (85%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0523, 68.0148, 64.6594 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 59.0523, 68.0148, 64.6594 by changing the saturation by 10% instead.

■ 59.0523, 68.0148,
64.6594

■ 59.0523, 68.0148,
64.6594

410.9866,
453.5485, 459.8397

■ 42.9018, 49.9098,
46.7354

102.5679,
116.3733, 113.1686

■ 30.0022, 35.3417,
32.4737

130.6636,
147.3956, 144.5909

■ 19.9884, 23.9262,
21.4557

163.4718,
183.4924, 181.3496

■ 12.4948, 15.2789,
13.2631

201.3577,
225.0482, 223.8634

■ 7.1562, 9.0154,
7.4771

244.6868,
272.4473, 272.5508

■ 3.6072, 4.7512,
3.6793


293.8245,


■ 1.4824, 2.1020,


326.0741, 327.8302


1.4511


349.1359,
386.3130, 390.1203


 0.3138, 0.6658,
0.1811


 0.0000, 0.0000,
0.0000


 59.0523, 68.0148,
64.6594

 59.0523, 68.0148,
64.6594


 51.7466, 64.4805,
53.9270


 67.4648, 72.0946,
76.7522

 45.4959, 61.4603,
44.5032

 77.0219, 76.7327,
90.2462

 40.2525, 58.9325,
36.3389

 85.2953, 80.6783,
105.0701

 35.9630, 56.8707,
29.3809

 85.4126, 80.7252,
105.6875

■ 32.5689, 55.2460,
23.5718

■ 30.0050, 54.0262,
18.8495

■ 28.1972, 53.1743,
15.1462

■ 27.0574, 52.6466,
12.3861

■ 26.5247, 52.4060,
10.8252

Harmonies

Analogous

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



61.4252, 68.0148, 58.5276



59.0523, 68.0148, 64.6594



58.1688, 68.0148, 73.8008

Triad

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



59.0523, 68.0148, 64.6594



64.5566, 68.0148, 94.9718



70.6772, 68.0148, 65.0655

Complementary

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



59.0523, 68.0148, 64.6594



62.1661, 59.5712, 73.8707

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.



71.5871, 68.0148, 74.3129



59.0523, 68.0148, 64.6594



67.9775, 68.0148, 92.1147

Square

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



59.0523, 68.0148, 64.6594



61.2757, 68.0148, 91.8188



70.5823, 68.0148, 84.3227



68.1378, 68.0148, 58.7468

Rectangle

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



59.0523, 68.0148, 64.6594



58.5179, 68.0148, 80.5670



70.5823, 68.0148, 84.3227



71.1877, 68.0148, 67.9066

Sweetspot

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



59.0542, 68.0177, 64.6609



90.0869, 97.5927, 101.8333



64.6045, 70.9454, 61.9194



19.0886, 20.7949, 21.5195



0.0000, 0.0000, 0.0000



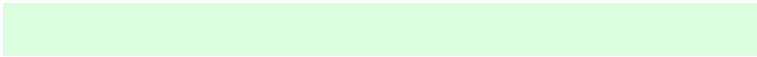
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0542, 68.0177, 64.6609



77.7329, 91.6062, 83.9870



60.6966, 68.6747, 73.3097



13.6319, 15.3785, 15.0970



15.7842, 31.1385, 6.5867



1.1246, 2.1706, 0.6173

Inverse Universe

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



62.1661, 59.5712, 73.8707



82.9189, 77.5291, 99.3339



60.4866, 58.8994, 65.0265



14.1805, 13.8898, 16.7204



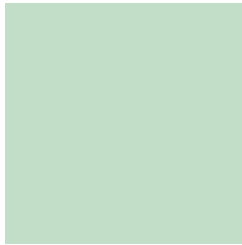
22.8791, 11.2186, 27.0929



1.6144, 0.7891, 2.0285

Previews

White Background



This preview shows how the XYZ color 59.0523, 68.0148, 64.6594 looks on a white background.

Color Contrast Check

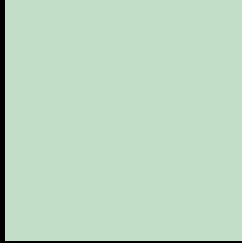
Large Text (above 18pt) WCAG AA × Fail

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 59.0523, 68.0148, 64.6594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

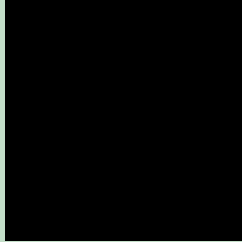
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

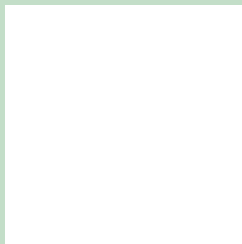
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0523, 68.0148, 64.6594

Background



This preview shows how black text looks on a background with the XYZ color 59.0523, 68.0148, 64.6594.



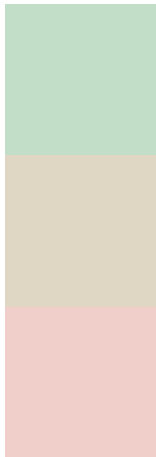
This preview shows how white text looks on a background with the XYZ color 59.0523, 68.0148,

64.6594.

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

59.0523, 68.0148, 64.6594

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

69.0275, 67.4627, 65.8834



Tritanopia

63.7515, 67.9837, 87.6040

Trichromacy



Original Color

59.0523, 68.0148, 64.6594

Protanomaly

62.3315, 67.8031, 62.6254

Deuteranomaly

64.9446, 67.1985, 65.4248

Tritanomaly

62.0695, 68.0791, 78.9764

Monochromacy



Original Color

59.0523, 68.0148, 64.6594

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7398, 66.0850, 68.5858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0523, 68.0148, 64.6594 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(195, 222, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 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(195, 222, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.0523, 68.0148, 64.6594 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(195, 222, 200) }
```


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

```
.border{ border-color:rgb(195, 222, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 222, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 222, 200); box-shadow:4px 4px 4px 4px rgb(195, 222, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0523, 68.0148, 64.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 200) }
```

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

```
.background{ background-color: rgb(195,  
222, 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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