

Converting Colors

XYZ(53.9140, 59.0699, 59.3022)

Have a look what the booklet for
XYZ(53.9140, 59.0699, 59.3022)
contains.

XYZ(53.9626, 59.1150, 59.0183)	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(53.9626, 59.1150,
59.0183)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CDC1
RGB	195, 205, 193
RGB Percent	76%, 80%, 76%
CMY	0.2353, 0.1961, 0.2431
CMYK	0.05, 0.00, 0.06, 0.20
HSL	110°, 11%, 78%
HSV	110°, 6%, 80%
XYZ	53.9626, 59.1150, 59.0183
YIQ	200.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

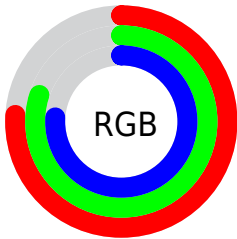
Format	Color
RYB	193, 205, 203
Decimal	12832193
CIELab	81.35, -5.61, 4.78
CIElCh	81, 7.375, 139.558
Yxy	59.1150, 0.3136, 0.3435
Android (android.graphics.Color)	4291022273 (0xFFC3CDC1)
YUV	200.6420, -3.7675, -4.9480
Hunter-Lab	76.8863, -9.2708, 8.3091

Details

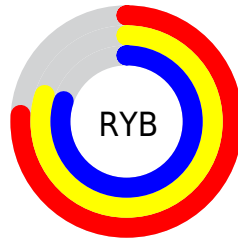
The XYZ color **53.9626, 59.1150, 59.0183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7204, 55.2459, 65.5401**, and the grayscale version is **55.3206, 58.2016, 63.3816**.

A 20% lighter version of the original color is **93.0038, 99.0550, 103.8402**, and **26.7847, 29.6894, 29.1299** is the 20% darker color. If you saturate the color by 10%, you get **47.6678, 56.1178, 47.6020**, and if you desaturate by 10%, it is **61.0829, 62.5045, 72.1306**.

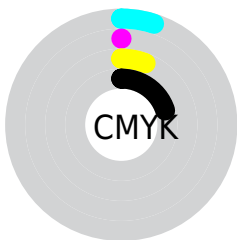
Distribution



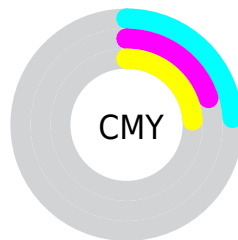
- Red (76%)
- Green (80%)
- Blue (76%)



- Red (76%)
- Yellow (80%)
- Blue (80%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9626, 59.1150, 59.0183 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 53.9626, 59.1150, 59.0183 by changing the saturation by 10% instead.

■ 53.9626, 59.1150,
59.0183

■ 53.9626, 59.1150,
59.0183

392.1681,
421.3280, 438.6735

■ 38.8023, 42.7057,
42.2077

■ 95.1765, 103.5448,
104.9336

■ 26.7860, 29.6543,
28.9372

121.9609,
132.3341, 134.8755

■ 17.5483, 19.5763,
18.7882

153.3507,
166.0188, 170.0316

■ 10.7239, 12.0874,
11.3420

189.7112,
204.9834, 210.8203

■ 5.9474, 6.8033,
6.1803

231.4079,
249.6122, 257.6604

■ 2.8535, 3.3394,
2.8845

278.8060,

■ 1.0768, 1.3114,

300.2896, 310.9702

1.0360

332.2709,
357.4001, 371.1684

■ 0.0055, 0.1500,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9626, 59.1150,
59.0183

■ 53.9626, 59.1150,
59.0183

■ 47.6678, 56.1178,
47.6020

■ 61.0829, 62.5045,
72.1306

■ 42.1637, 53.4914,
37.8086

■ 69.0522, 66.2920,
87.0000

■ 37.4202, 51.2236,
29.5657

■ 77.8991, 70.4925,
103.6895

■ 33.4034, 49.2985,
22.7938

■ 81.1225, 72.1450,
104.2575

■ 30.0767, 47.6994,
17.4063

■ 27.4005, 46.4077,
13.3075

■ 25.3306, 45.4031,
10.3898

■ 23.8176, 44.6627,
8.5277

■ 22.8027, 44.1598,
7.5659

Harmonies

Analogous

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



55.2012, 59.1150, 56.6983



53.9626, 59.1150, 59.0183



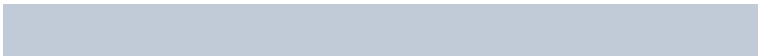
53.3239, 59.1150, 62.8407

Triad

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



53.9626, 59.1150, 59.0183



55.6518, 59.1150, 73.0750



59.0249, 59.1150, 61.5678

Complementary

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



53.9626, 59.1150, 59.0183



54.7204, 55.2459, 65.5401

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.



59.1509, 59.1150, 65.9161



53.9626, 59.1150, 59.0183



57.1845, 59.1150, 72.6959

Square

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



53.9626, 59.1150, 59.0183



54.2873, 59.1150, 71.0411



58.4718, 59.1150, 70.0278



58.1306, 59.1150, 58.1231

Rectangle

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



53.9626, 59.1150, 59.0183



53.3162, 59.1150, 65.7851



58.4718, 59.1150, 70.0278



59.1591, 59.1150, 62.9678

Sweetspot

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



53.9642, 59.1175, 59.0196



92.6931, 98.8786, 104.5603



56.1609, 59.5441, 58.9861



19.8649, 21.1758, 22.4257



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.



53.9642, 59.1175, 59.0196



87.0451, 96.1901, 94.2145



53.9035, 59.0340, 61.3786



11.5046, 12.7516, 12.4070



14.0591, 27.4230, 4.5522



0.7809, 1.4434, 0.2374

Inverse Universe

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



54.7204, 55.2459, 65.5401



88.5321, 88.5757, 107.0384



54.7915, 55.3377, 63.0541



11.7134, 11.6823, 14.2079



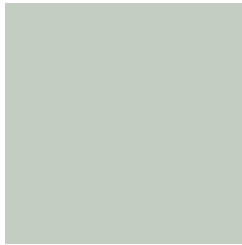
17.3644, 8.1592, 36.6160



0.9458, 0.4467, 1.8913

Previews

White Background



This preview shows how the XYZ color 53.9626, 59.1150, 59.0183 looks on a white background.

Color Contrast Check

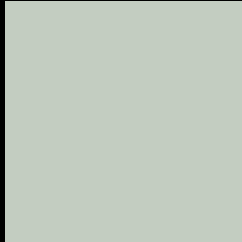
Large Text (above 18pt) WCAG AA × Fail

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 53.9626, 59.1150, 59.0183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

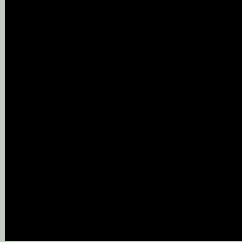
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

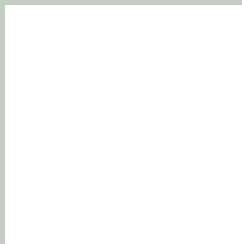
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9626, 59.1150, 59.0183

Background



This preview shows how black text looks on a background with the XYZ color 53.9626, 59.1150, 59.0183.



This preview shows how white text looks on a background with the XYZ color 53.9626, 59.1150,

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

53.9626, 59.1150, 59.0183

Protanopia

56.3030, 58.9448, 57.7002

Deuteranopia

60.1059, 58.8176, 59.8148



Tritanopia

56.9642, 58.9252, 74.0170

Trichromacy



Original Color

53.9626, 59.1150, 59.0183

Protanomaly

55.2636, 58.7433, 58.2951

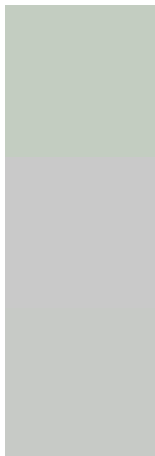
Deuteranomaly

57.6016, 58.8880, 59.3695

Tritanomaly

55.7944, 58.8009, 68.0835

Monochromacy



Original Color

53.9626, 59.1150, 59.0183

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8668, 58.4604, 61.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9626, 59.1150, 59.0183 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, 205, 193) looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 193)  
}
```

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, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.9626, 59.1150, 59.0183 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, 205, 193) }
```


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

```
.border{ border-color:rgb(195, 205, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 205, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 205,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9626, 59.1150, 59.0183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 193) }
```

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

```
.background{ background-color: rgb(195,  
205, 193) }
```

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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