

Converting Colors

XYZ(51.1899, 53.9032, 59.2321)

Have a look what the booklet for
XYZ(51.1899, 53.9032, 59.2321)
contains.

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Color

**XYZ(51.1344, 53.8612,
59.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C2C3
RGB	193, 194, 195
RGB Percent	76%, 76%, 76%
CMY	0.2431, 0.2392, 0.2353
CMYK	0.01, 0.01, 0.00, 0.24
HSL	210°, 2%, 76%
HSV	210°, 1%, 76%
XYZ	51.1344, 53.8612, 59.3309
YIQ	193.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
RYB	193, 194, 195
Decimal	12698307
CIELab	78.38, -0.16, -0.63
CIELCh	78, 0.650, 256.078
Yxy	53.8612, 0.3112, 0.3278
Android (android.graphics.Color)	4290888387 (0xFFC1C2C3)
YUV	193.8150, 0.5842, -0.7148
Hunter-Lab	73.3902, -4.0635, 3.4413

Details

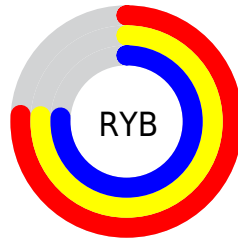
The XYZ color **51.1344, 53.8612, 59.3309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4230, 54.0351, 58.1722**, and the grayscale version is **51.1672, 53.8318, 58.6229**.

A 20% lighter version of the original color is **90.8232, 95.5392, 105.7495**, and **25.0010, 26.2547, 28.9493** is the 20% darker color. If you saturate the color by 10%, you get **44.3959, 47.2833, 58.4172**, and if you desaturate by 10%, it is **58.6728, 61.0644, 60.3247**.

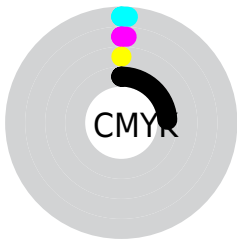
Distribution



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



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1344, 53.8612, 59.3309 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 51.1344, 53.8612, 59.3309 by changing the saturation by 10% instead.

■ 51.1344, 53.8612,
59.3309

■ 51.1344, 53.8612,
59.3309

381.4648,
401.5805, 439.8631

■ 36.5371, 38.4907,
42.4578

□ 91.0352, 95.8704,
105.3923

■ 25.0213, 26.3638,
29.1317

117.0694,
123.2779, 135.4176

■ 16.2217, 17.0960,
18.9340

147.6466,
155.4666, 170.6642

■ 9.7730, 10.3029,
11.4463

183.1321,
192.8207, 211.5504

■ 5.3098, 5.6003,
6.2499

223.8913,
235.7248, 258.4948

■ 2.4668, 2.6036,
2.9264

270.2896,

■ 0.8785, 0.9285,

284.5632, 311.9161

1.0572

322.6923,
339.7203, 372.2326

■ 0.0000, 0.0000,
0.0000

■ 51.1344, 53.8612,
59.3309

■ 51.1344, 53.8612,
59.3309

■ 44.3959, 47.2833,
58.4172

■ 58.6728, 61.0644,
60.3247

■ 38.4245, 41.3052,
57.5780

■ 67.0332, 68.9035,
61.3972

■ 33.1920, 35.9098,
56.8124

■ 76.2425, 77.3976,
62.5514

■ 28.6664, 31.0764,
56.1180

■ 80.1908, 83.4008,
63.5020

■ 24.8134, 26.7828,
55.4923

■ 83.0150, 89.0493,
64.4434

■ 21.5953, 23.0053,
54.9328

■ 85.9930, 95.0052,
65.4361

■ 18.9706, 19.7176,
54.4366

■ 86.8505, 96.7202,
65.7219

■ 16.8920, 16.8906,
54.0004

■ 15.3039, 14.4905,
53.6209

Harmonies

Analogous

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



51.0233, 53.8612, 59.1537



51.1344, 53.8612, 59.3309



51.2615, 53.8612, 59.3240

Triad

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



51.1344, 53.8612, 59.3309



51.4298, 53.8612, 58.4512



51.0168, 53.8612, 58.1592

Complementary

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



51.1344, 53.8612, 59.3309



51.4230, 54.0351, 58.1722

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.



51.1255, 53.8612, 57.9726



51.1344, 53.8612, 59.3309



51.3640, 53.8612, 58.1406

Square

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



51.1344, 53.8612, 59.3309



51.4322, 53.8612, 58.8150



51.2526, 53.8612, 57.9658



50.9555, 53.8612, 58.4767

Rectangle

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



51.1344, 53.8612, 59.3309



51.3382, 53.8612, 59.2159



51.2526, 53.8612, 57.9658



51.0490, 53.8612, 58.0792

Sweetspot

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



51.1359, 53.8635, 59.3321



92.9021, 97.7402, 106.4391



51.2420, 54.2620, 58.7929



20.3446, 21.4041, 23.3091



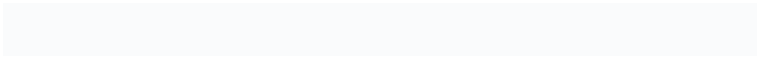
0.0000, 0.0000, 0.0000

Same Dimension

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



51.1359, 53.8635, 59.3321



91.5970, 96.4817, 106.2649



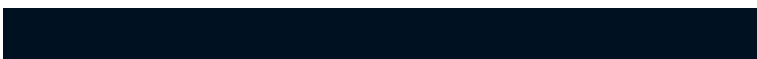
50.9206, 53.4329, 59.2603



11.1907, 11.7863, 12.9700



9.3162, 8.3889, 34.6848



0.4715, 0.5003, 1.5216

Inverse Universe

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



51.3144, 53.6379, 58.6904



91.9134, 96.0817, 105.1271



51.6397, 54.4684, 58.2445



11.2263, 11.7413, 12.8419



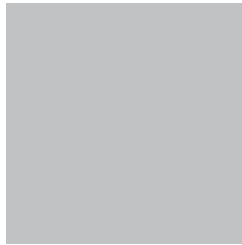
16.0984, 8.1291, 8.4300



0.7304, 0.3652, 0.5475

Previews

White Background



This preview shows how the XYZ color 51.1344, 53.8612, 59.3309 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 51.1344, 53.8612, 59.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

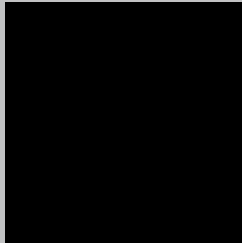
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1344, 53.8612, 59.3309

Background



This preview shows how black text looks on a background with the XYZ color 51.1344, 53.8612, 59.3309.

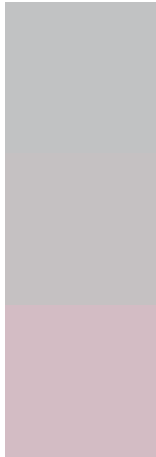


This preview shows how white text looks on a background with the XYZ color 51.1344, 53.8612,

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

51.1344, 53.8612, 59.3309

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

54.8110, 53.8008, 59.7203



Tritanopia

52.6178, 53.8064, 66.6439

Trichromacy



Original Color

51.1344, 53.8612, 59.3309

Protanomaly

51.5725, 53.7707, 58.6996

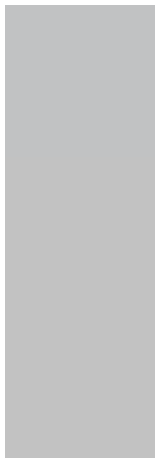
Deuteranomaly

53.2791, 53.6498, 59.7719

Tritanomaly

52.0976, 53.9211, 64.1619

Monochromacy



Original Color

51.1344, 53.8612, 59.3309

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.2775, 53.9479, 58.7493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1344, 53.8612, 59.3309 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(193, 194, 195) looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 195)  
}
```

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(193, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.1344, 53.8612, 59.3309 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(193, 194, 195) }
```

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

```
.border{ border-color:rgb(193, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
195) }
```


Background

The CSS property to change the background color of an element to XYZ 51.1344, 53.8612, 59.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 195) }
```

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

```
.background{ background-color: rgb(193,  
194, 195) }
```

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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