

Converting Colors

XYZ(51.2028, 53.7130, 59.6492)

Have a look what the booklet for
XYZ(51.2028, 53.7130, 59.6492)
contains.

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Color

**XYZ(51.0261, 53.4629,
59.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C1C4
RGB	193, 193, 196
RGB Percent	76%, 76%, 77%
CMY	0.2431, 0.2431, 0.2314
CMYK	0.02, 0.02, 0.00, 0.23
HSL	240°, 2%, 76%
HSV	240°, 2%, 77%
XYZ	51.0261, 53.4629, 59.8546
YIQ	193.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

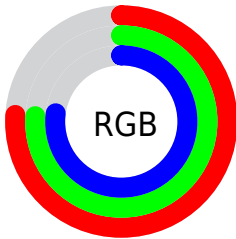
Format	Color
RYB	193, 193, 196
Decimal	12698052
CIELab	78.15, 0.56, -1.51
CIElCh	78, 1.613, 290.365
Yxy	53.4629, 0.3105, 0.3253
Android (android.graphics.Color)	4290888132 (0xFFC1C1C4)
YUV	193.3420, 1.3104, -0.2999
Hunter-Lab	73.1183, -3.3897, 2.6481

Details

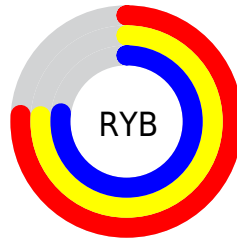
The XYZ color **51.0261, 53.4629, 59.8546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1306, 55.0653, 58.3340**, and the grayscale version is **50.8840, 53.5339, 58.2984**.

A 20% lighter version of the original color is **90.6722, 94.9829, 106.4831**, and **25.0758, 26.2846, 29.3430** is the 20% darker color. If you saturate the color by 10%, you get **42.3117, 42.9662, 58.2886**, and if you desaturate by 10%, it is **60.9788, 65.4516, 61.6449**.

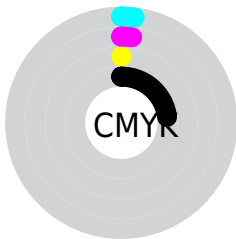
Distribution



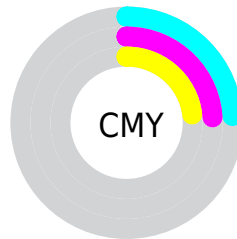
- Red (76%)
- Green (76%)
- Blue (77%)



- Red (76%)
- Yellow (76%)
- Blue (77%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (24%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0261, 53.4629, 59.8546 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 51.0261, 53.4629, 59.8546 by changing the saturation by 10% instead.

■ 51.0261, 53.4629,
59.8546

■ 51.0261, 53.4629,
59.8546

381.0512,
400.0586, 441.8514

■ 36.4505, 38.1724,
42.8769

□ 90.8761, 95.2852,
106.1600

■ 24.9541, 26.1165,
29.4579

116.8812,
122.5858, 136.3248

■ 16.1714, 16.9108,
19.1789

147.4269,
154.6585, 171.7225

■ 9.7371, 10.1709,
11.6215

182.8785,
191.8878, 212.7714

■ 5.2859, 5.5124,
6.3671

223.6014,
234.6581, 259.8902

■ 2.4525, 2.5510,
2.9972

269.9609,

■ 0.8713, 0.9021,

283.3537, 313.4975

1.0932

322.3224,
338.3591, 374.0117

■ 0.0000, 0.0000,
0.0000

■ 51.0261, 53.4629,
59.8546

■ 51.0261, 53.4629,
59.8546

■ 42.3117, 42.9662,
58.2886

■ 60.9788, 65.4516,
61.6449

■ 34.7828, 33.8966,
56.9348

■ 72.2107, 78.9802,
63.6642

■ 28.3896, 26.1945,
55.7852

■ 84.7666, 94.1031,
65.9214

■ 23.0770, 19.7938,
54.8297

■ 86.9640, 96.7656,
66.3195

■ 18.7853, 14.6225,
54.0577

■ 15.4492, 10.6019,
53.4575

■ 12.9955, 7.6441,
53.0159

■ 11.3407, 5.6486,
52.7180

■ 10.3853, 4.4956,
52.5458

Harmonies

Analogous

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



50.7135, 53.4629, 59.9402



51.0261, 53.4629, 59.8546



51.2831, 53.4629, 59.3264

Triad

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



51.0261, 53.4629, 59.8546



51.2025, 53.4629, 56.8854



50.2197, 53.4629, 57.9219

Complementary

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



51.0261, 53.4629, 59.8546



52.1306, 55.0653, 58.3340

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.



50.3495, 53.4629, 57.1117



51.0261, 53.4629, 59.8546



50.9164, 53.4629, 56.5173

Square

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



51.0261, 53.4629, 59.8546



51.3852, 53.4629, 57.6100



50.6042, 53.4629, 56.5997



50.2488, 53.4629, 58.8182

Rectangle

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



51.0261, 53.4629, 59.8546



51.3879, 53.4629, 58.7973



50.6042, 53.4629, 56.5997



50.2461, 53.4629, 57.6306

Sweetspot

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



51.0276, 53.4652, 59.8558

95.0500, 100.0000, 108.9000



51.6912, 54.8014, 60.0489



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.



51.0276, 53.4652, 59.8558



91.5947, 95.8380, 108.2788



51.3984, 53.6553, 59.8729



10.9573, 11.4700, 12.9212



6.4041, 2.5646, 33.7141



0.2770, 0.1114, 1.4568

Inverse Universe

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



51.4617, 53.7270, 58.1128



92.6350, 96.4653, 104.1020



51.7560, 54.8732, 58.3167



11.0718, 11.5390, 12.4616



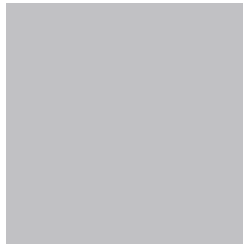
14.6284, 7.5411, 0.6895



0.6322, 0.3259, 0.0306

Previews

White Background



This preview shows how the XYZ color 51.0261, 53.4629, 59.8546 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 51.0261, 53.4629, 59.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

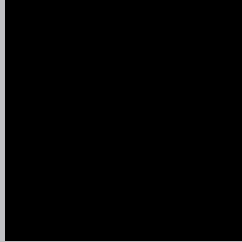
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0261, 53.4629, 59.8546

Background



This preview shows how black text looks on a background with the XYZ color 51.0261, 53.4629, 59.8546.

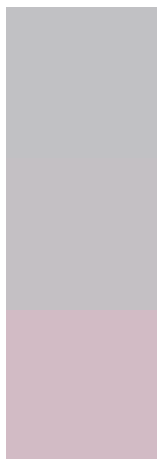


This preview shows how white text looks on a background with the XYZ color 51.0261, 53.4629,

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

51.0261, 53.4629, 59.8546

Protanopia

51.5784, 53.4206, 59.8173

Deuteranopia

54.4267, 53.2735, 60.2375



Tritanopia

52.2771, 53.3199, 65.9290

Trichromacy



Original Color

51.0261, 53.4629, 59.8546

Protanomaly

51.3191, 53.2869, 59.8051

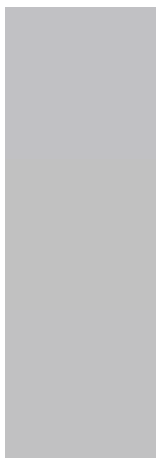
Deuteranomaly

53.1775, 53.2638, 60.3015

Tritanomaly

51.7584, 53.4329, 63.4627

Monochromacy



Original Color

51.0261, 53.4629, 59.8546

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7999, 53.3724, 58.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0261, 53.4629, 59.8546 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, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(193, 193, 196)  
}
```

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, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.0261, 53.4629, 59.8546 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, 193, 196) }
```

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

```
.border{ border-color:rgb(193, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(193, 193,  
196) }
```


Background

The CSS property to change the background color of an element to XYZ 51.0261, 53.4629, 59.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 193, 196) }
```

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

```
.background{ background-color: rgb(193,  
193, 196) }
```

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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