

Converting Colors

XYZ(51.5233, 54.2066, 59.0309)

Have a look what the booklet for
XYZ(51.5233, 54.2066, 59.0309)
contains.

XYZ(51.2775, 53.9479, 58.7493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(51.2775, 53.9479,
58.7493)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2C2
RGB	194, 194, 194
RGB Percent	76%, 76%, 76%
CMY	0.2392, 0.2392, 0.2392
CMYK	0.00, 0.00, 0.00, 0.24
HSL	121°, 0%, 76%
HSV	121°, 0%, 76%
XYZ	51.2775, 53.9479, 58.7493
YIQ	194.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

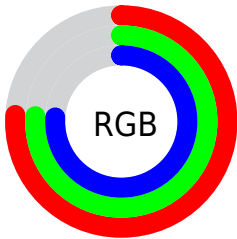
Format	Color
RYB	194, 194, 194
Decimal	12763842
CIELab	78.43, 0.00, -0.01
CIELCh	78, 0.010, 297.019
Yxy	53.9479, 0.3127, 0.3290
Android (android.graphics.Color)	4290953922 (0xFFC2C2C2)
YUV	194.0000, 0.0000, 0.0000
Hunter-Lab	73.4492, -3.9190, 3.9906

Details

The XYZ color **51.2775, 53.9479, 58.7493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2795, 53.9493, 58.7521**, and the grayscale version is **51.2794, 53.9500, 58.7515**.

A 20% lighter version of the original color is **90.8653, 95.5973, 104.1055**, and **24.9269, 26.2251, 28.5591** is the 20% darker color. If you saturate the color by 10%, you get **44.6200, 50.7484, 47.9991**, and if you desaturate by 10%, it is **58.8612, 57.5963, 70.9702**.

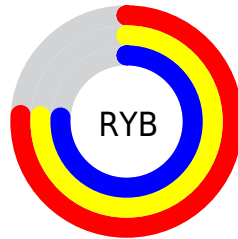
Distribution



Red (76%)

Green (76%)

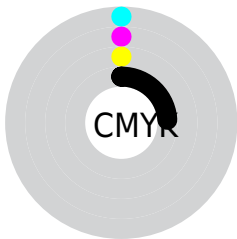
Blue (76%)



Red (76%)

Yellow (76%)

Blue (76%)

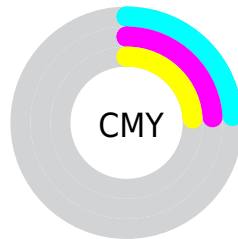


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2775, 53.9479, 58.7493 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 51.2775, 53.9479, 58.7493 by changing the saturation by 10% instead.

■ 51.2775, 53.9479,
58.7493

■ 51.2775, 53.9479,
58.7493

382.0109,
401.9113, 437.6482

■ 36.6514, 38.5600,
41.9927

□ 91.2454, 95.9977,
104.5387

■ 25.1102, 26.4176,
28.7700

117.3179,
123.4285, 134.4086

■ 16.2883, 17.1363,
18.6628

147.9367,
155.6423, 169.4867

■ 9.8205, 10.3317,
11.2526

183.4670,
193.0236, 210.1914

■ 5.3415, 5.6195,
6.1207

224.2742,
235.9567, 256.9414

■ 2.4858, 2.6151,
2.8486

270.7237,

■ 0.8881, 0.9343,

284.8261, 310.1552

1.0179

323.1808,
340.0162, 370.2513

■ 0.0000, 0.0000,
0.0000

■ 51.2775, 53.9479,
58.7493

■ 51.2775, 53.9479,
58.7493

■ 44.6200, 50.7484,
47.9991

■ 58.8612, 57.5963,
70.9702

■ 38.8488, 47.9740,
38.6607

■ 67.3998, 61.7029,
84.7105

■ 33.9280, 45.6088,
30.6765

■ 76.9265, 66.2851,
100.0211

■ 29.8173, 43.6336,
23.9838

■ 78.5828, 67.0656,
103.4109

■ 26.4734, 42.0273,
18.5148

■ 23.8487, 40.7671,
14.1953

■ 21.8906, 39.8276,
10.9435

■ 20.5390, 39.1799,
8.6665

■ 19.7234, 38.7898,
7.2558

Harmonies

Analogous

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



51.2757, 53.9479, 58.7504



51.2775, 53.9479, 58.7493



51.2789, 53.9479, 58.7457

Triad

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



51.2775, 53.9479, 58.7493



51.2778, 53.9479, 58.7314



51.2723, 53.9479, 58.7396

Complementary

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



51.2775, 53.9479, 58.7493



51.2795, 53.9493, 58.7521

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.



51.2728, 53.9479, 58.7345



51.2775, 53.9479, 58.7493



51.2760, 53.9479, 58.7298

Square

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



51.2775, 53.9479, 58.7493



51.2791, 53.9479, 58.7354



51.2742, 53.9479, 58.7309



51.2726, 53.9479, 58.7448

Rectangle

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



51.2775, 53.9479, 58.7493



51.2794, 53.9479, 58.7424



51.2742, 53.9479, 58.7309



51.2723, 53.9479, 58.7378

Sweetspot

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



51.2790, 53.9502, 58.7505



92.9021, 97.7402, 106.4391



51.2798, 53.9506, 58.7505



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.



51.2790, 53.9502, 58.7505



92.9021, 97.7402, 106.4391



51.2792, 53.9503, 58.7514



11.3376, 11.9280, 12.9896



12.7017, 25.3747, 4.3223



0.5517, 1.0975, 0.2022

Inverse Universe

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



51.2795, 53.9493, 58.7521



92.9021, 97.7402, 106.4391



51.2793, 53.9493, 58.7512



11.3376, 11.9280, 12.9896



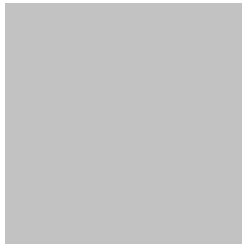
20.7457, 9.9880, 32.9025



0.8992, 0.4327, 1.4367

Previews

White Background



This preview shows how the XYZ color 51.2775, 53.9479, 58.7493 looks on a white background.

Color Contrast Check

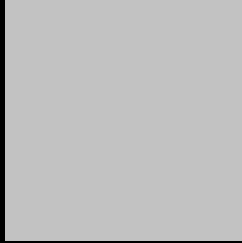
Large Text (above 18pt) WCAG AA × Fail

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 51.2775, 53.9479, 58.7493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

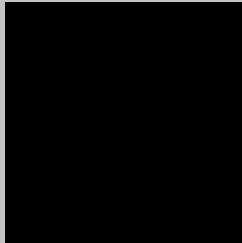
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

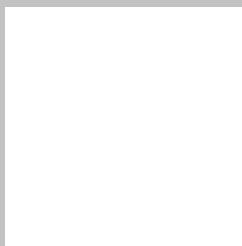
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2775, 53.9479, 58.7493

Background



This preview shows how black text looks on a background with the XYZ color 51.2775, 53.9479, 58.7493.

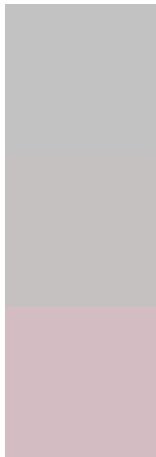


This preview shows how white text looks on a background with the XYZ color 51.2775, 53.9479,

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

51.2775, 53.9479, 58.7493

Protanopia

51.7216, 53.8605, 58.1222

Deuteranopia

54.9849, 53.9036, 59.1362



Tritanopia

52.8771, 53.9400, 66.6560

Trichromacy



Original Color

51.2775, 53.9479, 58.7493

Protanomaly

51.4606, 53.7259, 58.1100

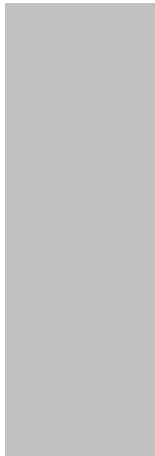
Deuteranomaly

53.4406, 53.7462, 59.1872

Tritanomaly

52.2363, 54.0063, 63.5482

Monochromacy



Original Color

51.2775, 53.9479, 58.7493

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 51.2775, 53.9479, 58.7493 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(194, 194, 194)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 51.2775, 53.9479, 58.7493 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(194, 194, 194) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 51.2775, 53.9479, 58.7493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor