

Converting Colors

XYZ(52.3180, 53.7607, 59.1265)

Have a look what the booklet for
XYZ(52.3180, 53.7607, 59.1265)
contains.

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Color

**XYZ(52.2532, 53.7815,
59.2566)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0C3
RGB	199, 192, 195
RGB Percent	78%, 75%, 76%
CMY	0.2196, 0.2470, 0.2353
CMYK	0.00, 0.04, 0.02, 0.22
HSL	334°, 6%, 77%
HSV	334°, 4%, 78%
XYZ	52.2532, 53.7815, 59.2566
YIQ	194.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

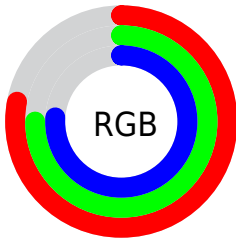
Format	Color
R_{YB}	199, 192, 195
Decimal	13091011
CIE _{Lab}	78.33, 2.99, -0.64
CIE _{LCh}	78, 3.057, 347.851
Yxy	53.7815, 0.3161, 0.3254
Android (android.graphics.Color)	4291281091 (0xFFC7C0C3)
YUV	194.4350, 0.2785, 4.0035
Hunter-Lab	73.3359, -1.1531, 3.4278

Details

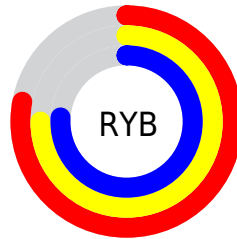
The XYZ color **52.2532, 53.7815, 59.2566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1275, 56.0404, 60.2969**, and the grayscale version is **51.5343, 54.2181, 59.0435**.

A 20% lighter version of the original color is **92.3781, 95.4231, 105.6451**, and **25.7174, 26.4081, 28.9411** is the 20% darker color. If you saturate the color by 10%, you get **46.9384, 45.1321, 51.3787**, and if you desaturate by 10%, it is **58.2599, 63.6563, 67.8501**.

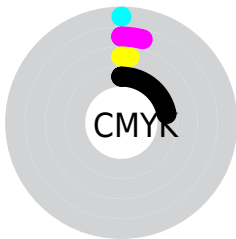
Distribution



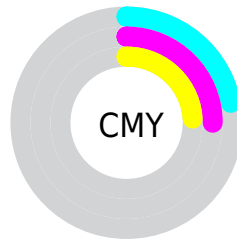
- Red (78%)
- Green (75%)
- Blue (76%)



- Red (78%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2532, 53.7815, 59.2566 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 52.2532, 53.7815, 59.2566 by changing the saturation by 10% instead.

■ 52.2532, 53.7815,
59.2566

■ 52.2532, 53.7815,
59.2566

385.7212,
401.2763, 439.5805

■ 37.4320, 38.4270,
42.3983

■ 92.6766, 95.7534,
105.2833

■ 25.7174, 26.3143,
29.0854

119.0095,
123.1395, 135.2888

■ 16.7439, 17.0589,
18.8993

149.9103,
155.3050, 170.5139

■ 10.1462, 10.2765,
11.4215

185.7445,
192.6342, 211.3769

■ 5.5590, 5.5827,
6.2334

226.8773,
235.5115, 258.2966

■ 2.6169, 2.5930,
2.9164

273.6741,

■ 0.9546, 0.9232,

284.3214, 311.6914

1.0521

326.5003,
339.4482, 371.9798

■ 0.0000, 0.0000,
0.0000

■ 52.2532, 53.7815,
59.2566

■ 52.2532, 53.7815,
59.2566

■ 46.9384, 45.1321,
51.3787

■ 58.2599, 63.6563,
67.8501

■ 42.2852, 37.6533,
44.1935

■ 64.9782, 74.7949,
77.1741

■ 38.2678, 31.2961,
37.6821

■ 72.4328, 87.2426,
87.2476

■ 34.8567, 26.0057,
31.8232

■ 75.1176, 89.9839,
96.2449

■ 32.0204, 21.7226,
26.5941

■ 76.8663, 90.6834,
105.4535

■ 29.7240, 18.3810,
21.9710

■ 77.3636, 90.8823,
108.0723

■ 27.9286, 15.9077,
17.9277

■ 26.5899, 14.2183,
14.4358

■ 25.6548, 13.2111,
11.4630

Harmonies

Analogous

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



51.9773, 53.7815, 60.8029



52.2532, 53.7815, 59.2566



52.2231, 53.7815, 57.5525

Triad

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



52.2532, 53.7815, 59.2566



50.7651, 53.7815, 55.4716



50.3479, 53.7815, 61.0414

Complementary

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



52.2532, 53.7815, 59.2566



52.1275, 56.0404, 60.2969

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.



50.0280, 53.7815, 59.5770



52.2532, 53.7815, 59.2566



50.2676, 53.7815, 56.3708

Square

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



52.2532, 53.7815, 59.2566



51.3607, 53.7815, 55.3897



49.9988, 53.7815, 57.8667



50.8754, 53.7815, 61.8468

Rectangle

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



52.2532, 53.7815, 59.2566



52.0335, 53.7815, 56.5559



49.9988, 53.7815, 57.8667



50.2127, 53.7815, 60.6086

Sweetspot

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



52.2547, 53.7838, 59.2578



94.0080, 98.2902, 107.3991



51.9167, 53.5566, 61.6349



20.1326, 21.0562, 23.0037



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.



52.2547, 53.7838, 59.2578



90.9571, 93.2939, 102.9741



52.0218, 53.8548, 57.5250



11.3796, 11.6244, 12.8574



16.2475, 8.2486, 6.5132



0.8054, 0.4050, 0.4986

Inverse Universe

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



52.2547, 53.7838, 59.2578



90.9571, 93.2939, 102.9741



52.3650, 55.9639, 62.0759



11.3796, 11.6244, 12.8574



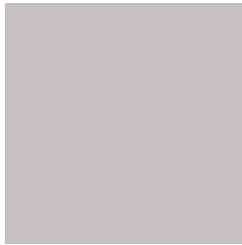
16.2475, 8.2486, 6.5132



0.8054, 0.4050, 0.4986

Previews

White Background



This preview shows how the XYZ color 52.2532, 53.7815, 59.2566 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 52.2532, 53.7815, 59.2566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

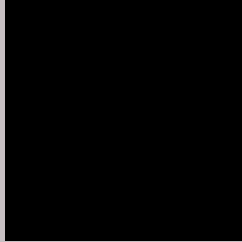
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

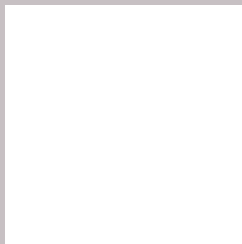
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2532, 53.7815, 59.2566

Background



This preview shows how black text looks on a background with the XYZ color 52.2532, 53.7815, 59.2566.

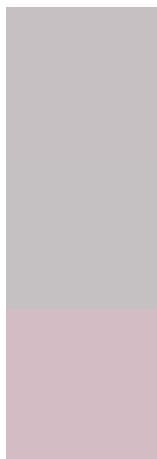


This preview shows how white text looks on a background with the XYZ color 52.2532, 53.7815,

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

52.2532, 53.7815, 59.2566

Protanopia

51.9462, 53.9504, 59.3054

Deuteranopia

54.8110, 53.8008, 59.7203



Tritanopia

53.5203, 53.6522, 65.2927

Trichromacy



Original Color

52.2532, 53.7815, 59.2566

Protanomaly

52.2090, 54.0858, 59.3177

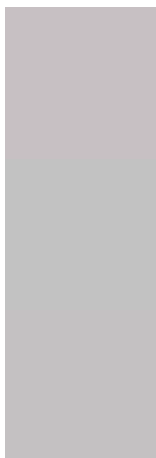
Deuteranomaly

53.8935, 53.6461, 59.7388

Tritanomaly

52.9928, 53.7580, 62.8417

Monochromacy



Original Color

52.2532, 53.7815, 59.2566

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5725, 53.7707, 58.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2532, 53.7815, 59.2566 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(199, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 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(199, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.2532, 53.7815, 59.2566 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(199, 192, 195) }
```


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

```
.border{ border-color:rgb(199, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2532, 53.7815, 59.2566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 195) }
```

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

```
.background{ background-color: rgb(199,  
192, 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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