

Converting Colors

XYZ(53.8478, 55.4841, 64.3713)

Have a look what the booklet for
XYZ(53.8478, 55.4841, 64.3713)
contains.

XYZ(53.8478, 55.4841, 64.3713)	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(53.8478, 55.4841,
64.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C3CB
RGB	199, 195, 203
RGB Percent	78%, 76%, 80%
CMY	0.2196, 0.2353, 0.2039
CMYK	0.02, 0.04, 0.00, 0.20
HSL	270°, 7%, 78%
HSV	270°, 4%, 80%
XYZ	53.8478, 55.4841, 64.3713
YIQ	197.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

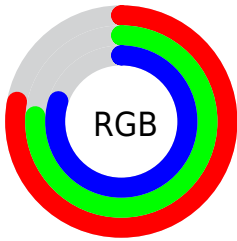
Format	Color
R_{YB}	199, 195, 203
Decimal	13091787
CIE Lab	79.32, 2.87, -3.51
CIE LCh	79, 4.535, 309.214
Yxy	55.4841, 0.3100, 0.3194
Android (android.graphics.Color)	4291281867 (0xFFC7C3CB)
YUV	197.1080, 2.9048, 1.6593
Hunter-Lab	74.4876, -1.3141, 0.9037

Details

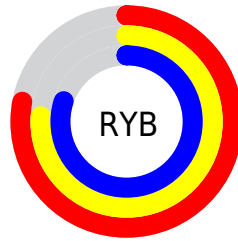
The XYZ color **53.8478, 55.4841, 64.3713** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7614, 58.7955, 60.0949**, and the grayscale version is **53.1206, 55.8870, 60.8609**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **26.6267, 27.2394, 32.2881** is the 20% darker color. If you saturate the color by 10%, you get **47.0007, 45.6563, 62.8361**, and if you desaturate by 10%, it is **61.4962, 66.6461, 66.1235**.

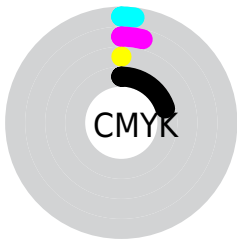
Distribution



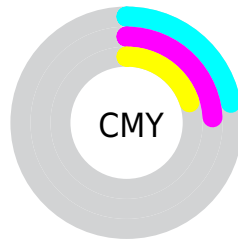
- Red (78%)
- Green (76%)
- Blue (80%)



- Red (78%)
- Yellow (76%)
- Blue (80%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8478, 55.4841, 64.3713 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 53.8478, 55.4841, 64.3713 by changing the saturation by 10% instead.

■ 53.8478, 55.4841,
64.3713

■ 53.8478, 55.4841,
64.3713

391.7372,
407.7444, 458.7735

■ 38.7102, 39.7894,
46.5034

■ 95.0089, 98.2499,
112.7501

■ 26.7140, 27.3744,
32.2917

121.7632,
126.0898, 144.0981

■ 17.4941, 17.8546,
21.3177

153.1203,
158.7469, 180.7764

■ 10.6848, 10.8457,
13.1630

189.4457,
196.6056, 223.2037

■ 5.9211, 5.9631,
7.4088

231.1048,
240.0503, 271.7986

■ 2.8373, 2.8227,
3.6368

278.4628,

■ 1.0683, 1.0399,

289.4654, 326.9794

1.4283

331.8851,
345.2353, 389.1649

■ 0.0000, 0.0000,
0.1636

■ 0.0000, 0.0000,
0.0000

■ 53.8478, 55.4841,
64.3713

■ 53.8478, 55.4841,
64.3713

■ 47.0007, 45.6563,
62.8361

■ 61.4962, 66.6461,
66.1235

■ 40.9219, 37.1041,
61.5057

■ 69.9679, 79.1835,
68.0970

■ 35.5830, 29.7752,
60.3725

■ 79.0005, 92.5660,
70.2040

■ 30.9517, 23.6108,
59.4267

■ 82.3446, 94.2900,
70.3605

■ 26.9934, 18.5470,
58.6579

■ 85.8815, 96.1133,
70.5260

■ 23.6701, 14.5139,
58.0546

■ 87.7796, 97.0919,
70.6148

■ 20.9394, 11.4328,
57.6038

■ 18.7530, 9.2134,
57.2907

■ 17.0529, 7.7465,
57.0972

Harmonies

Analogous

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



53.0161, 55.4841, 65.4854



53.8478, 55.4841, 64.3713



54.3856, 55.4841, 62.2051

Triad

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



53.8478, 55.4841, 64.3713



53.3581, 55.4841, 55.8564



51.0308, 55.4841, 61.2172

Complementary

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



53.8478, 55.4841, 64.3713



54.7614, 58.7955, 60.0949

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.



51.1200, 55.4841, 58.6552



53.8478, 55.4841, 64.3713



52.4568, 55.4841, 55.6090

Square

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



53.8478, 55.4841, 64.3713



54.1007, 55.4841, 57.3055



51.6396, 55.4841, 56.6199



51.3944, 55.4841, 63.6303

Rectangle

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



53.8478, 55.4841, 64.3713



54.5015, 55.4841, 60.4814



51.6396, 55.4841, 56.6199



51.0090, 55.4841, 60.3442

Sweetspot

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



53.8494, 55.4865, 64.3725



93.7742, 98.1427, 108.6087



53.7413, 56.8242, 64.6364



20.0850, 21.0262, 23.2498



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.



53.8494, 55.4865, 64.3725



88.8092, 90.9437, 107.4809



54.8885, 56.0221, 64.4211



11.7091, 11.9524, 14.2603



10.4137, 4.5760, 36.2907



0.6248, 0.2812, 1.8763

Inverse Universe

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



54.4544, 55.8527, 61.9461



90.1074, 91.7295, 102.2744



53.7484, 58.2733, 60.0475



11.9007, 12.0684, 13.4918



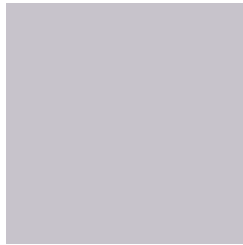
17.2311, 8.7030, 8.9358



0.9272, 0.4643, 0.6628

Previews

White Background



This preview shows how the XYZ color 53.8478, 55.4841, 64.3713 looks on a white background.

Color Contrast Check

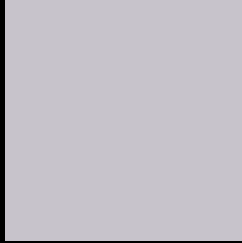
Large Text (above 18pt) WCAG AA × Fail

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 53.8478, 55.4841, 64.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

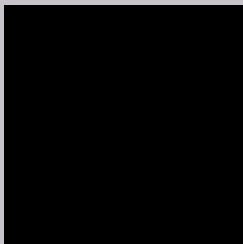
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

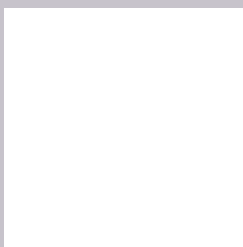
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8478, 55.4841, 64.3713

Background



This preview shows how black text looks on a background with the XYZ color 53.8478, 55.4841, 64.3713.

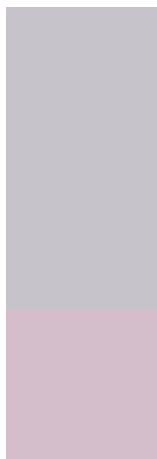


This preview shows how white text looks on a background with the XYZ color 53.8478, 55.4841,

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

53.8478, 55.4841, 64.3713

Protanopia

53.5833, 55.3478, 64.3590

Deuteranopia

56.4639, 55.1836, 64.8023



Tritanopia

54.6198, 55.4664, 68.1489

Trichromacy



Original Color

53.8478, 55.4841, 64.3713

Protanomaly

53.5833, 55.3478, 64.3590

Deuteranomaly

55.4808, 55.3243, 64.8812

Tritanomaly

54.3737, 55.3679, 66.8528

Monochromacy



Original Color

53.8478, 55.4841, 64.3713

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3374, 55.6091, 61.9553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8478, 55.4841, 64.3713 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, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 203)  
}
```

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, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.8478, 55.4841, 64.3713 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, 195, 203) }
```


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

```
.border{ border-color:rgb(199, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8478, 55.4841, 64.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 203) }
```

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

```
.background{ background-color: rgb(199,  
195, 203) }
```

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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