

Converting Colors

XYZ(45.5854, 43.2382, 53.5201)

Have a look what the booklet for
XYZ(45.5854, 43.2382, 53.5201)
contains.

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Color

**XYZ(45.5854, 43.2382,
53.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A8BC
RGB	195, 168, 188
RGB Percent	76%, 66%, 74%
CMY	0.2353, 0.3412, 0.2627
CMYK	0.00, 0.14, 0.04, 0.24
HSL	316°, 18%, 71%
HSV	316°, 14%, 76%
XYZ	45.5854, 43.2382, 53.5201
YIQ	178.3530, 9.6720, 11.9440

Conversions

Conversions Part 2

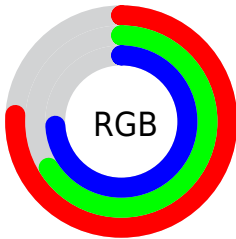
Format	Color
R_{YB}	195, 168, 188
Decimal	12822716
CIE _{Lab}	71.72, 13.29, -6.60
CIE _{LCh}	72, 14.843, 333.580
Yxy	43.2382, 0.3202, 0.3038
Android (android.graphics.Color)	4291012796 (0xFFC3A8BC)
YUV	178.3530, 4.7560, 14.5994
Hunter-Lab	65.7558, 8.6731, -2.2284

Details

The XYZ color **45.5854, 43.2382, 53.5201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.4031, 50.4514, 48.0104**, and the grayscale version is **42.4769, 44.6890, 48.6663**.

A 20% lighter version of the original color is **82.8617, 80.0025, 96.6627**, and **21.6031, 19.9028, 25.6247** is the 20% darker color. If you saturate the color by 10%, you get **41.7167, 36.3573, 49.5885**, and if you desaturate by 10%, it is **50.0156, 51.2102, 57.7341**.

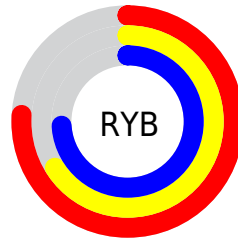
Distribution



Red (76%)

Green (66%)

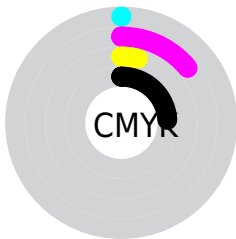
Blue (74%)



Red (76%)

Yellow (66%)

Blue (74%)

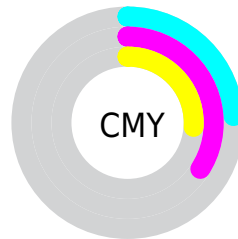


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5854, 43.2382, 53.5201 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 45.5854, 43.2382, 53.5201 by changing the saturation by 10% instead.


 45.5854, 43.2382,
53.5201


 45.5854, 43.2382,
53.5201


359.8832,
359.5904, 417.4001

 32.1220, 30.0721,
37.8276


 82.8298, 80.0702,
96.8185

 21.6107, 19.8933,
25.5481


 107.3416,
104.5048, 125.2615

 13.6861, 12.3175,
16.2631


136.2669,
133.4644, 158.7917

 7.9829, 6.9603,
9.5542

169.9710,
167.3333, 197.8277

 4.1357, 3.4373,
5.0027

208.8194,
206.4960, 242.7880

 1.7792, 1.3641,
2.1901

253.1773,

 0.5051, 0.1900,

251.3368, 294.0911

0.6686

303.4101,
302.2402, 352.1557

■ 0.0000, 0.0000,
0.0000

■ 45.5854, 43.2382,
53.5201

■ 45.5854, 43.2382,
53.5201

■ 41.7167, 36.3573,
49.5885

■ 50.0156, 51.2102,
57.7341

■ 38.3815, 30.5138,
45.9276

■ 55.0261, 60.3127,
62.2362

■ 35.5551, 25.6581,
42.5286

■ 60.6396, 70.5899,
67.0353

■ 33.2095, 21.7341,
39.3811

■ 66.8763, 82.0821,
72.1392

■ 31.3135, 18.6802,
36.4739

■ 70.3121, 87.9407,
76.4074

■ 29.8326, 16.4273,
33.7944

■ 70.9653, 88.2020,
79.8468

■ 28.7266, 14.8957,
31.3281

■ 71.6386, 88.4713,
83.3926

■ 27.9473, 13.9892,
29.0580

■ 72.3323, 88.7488,
87.0458

■ 27.5736, 13.6293,
27.7389

■ 73.0466, 89.0345,
90.8071

Harmonies

Analogous

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



43.8322, 43.2382, 59.5975



45.5854, 43.2382, 53.5201



46.1190, 43.2382, 46.2188

Triad

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



45.5854, 43.2382, 53.5201



40.7951, 43.2382, 34.5552



37.1947, 43.2382, 55.1697

Complementary

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



45.5854, 43.2382, 53.5201



43.4031, 50.4514, 48.0104

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.



36.4527, 43.2382, 47.9499



45.5854, 43.2382, 53.5201



38.4772, 43.2382, 36.4491

Square

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



45.5854, 43.2382, 53.5201



43.2881, 43.2382, 35.7242



36.9126, 43.2382, 41.1767



38.9804, 43.2382, 60.6161

Rectangle

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



45.5854, 43.2382, 53.5201



45.6941, 43.2382, 41.7488



36.9126, 43.2382, 41.1767



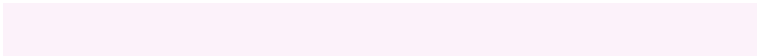
36.8183, 43.2382, 52.8447

Sweetspot

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



45.5867, 43.2401, 53.5210



89.3940, 91.3851, 103.2316



41.4779, 41.0326, 57.3644



19.4357, 19.7581, 22.4763



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.



45.5867, 43.2401, 53.5210



79.1650, 73.0129, 93.3919



44.2231, 42.6947, 46.3408



10.3822, 10.2015, 12.1029



17.9569, 8.8725, 18.2170



0.8027, 0.3941, 0.9285

Inverse Universe

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



45.5867, 43.2401, 53.5210



79.1650, 73.0129, 93.3919



44.7691, 50.9978, 55.2035



10.3822, 10.2015, 12.1029



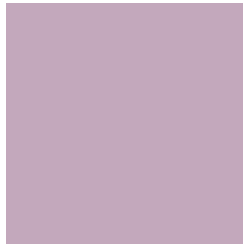
17.9569, 8.8725, 18.2170



0.8027, 0.3941, 0.9285

Previews

White Background



This preview shows how the XYZ color 45.5854, 43.2382, 53.5201 looks on a white background.

Color Contrast Check

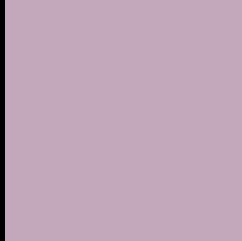
Large Text (above 18pt) WCAG AA × Fail

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 45.5854, 43.2382, 53.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

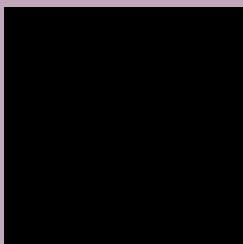
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5854, 43.2382, 53.5201

Background



This preview shows how black text looks on a background with the XYZ color 45.5854, 43.2382, 53.5201.



This preview shows how white text looks on a background with the XYZ color 45.5854, 43.2382,

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

45.5854, 43.2382, 53.5201

Protanopia

42.3000, 43.4644, 56.0292

Deuteranopia

44.2716, 43.4050, 53.0584



Tritanopia

44.8796, 43.2227, 50.2334

Trichromacy



Original Color

45.5854, 43.2382, 53.5201

Protanomaly

43.4479, 43.2117, 55.3410

Deuteranomaly

44.8302, 43.4137, 53.0306

Tritanomaly

45.0878, 43.3060, 51.3299

Monochromacy



Original Color

45.5854, 43.2382, 53.5201

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

43.3467, 43.8398, 50.4333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5854, 43.2382, 53.5201 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(195, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 188)  
}
```

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(195, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.5854, 43.2382, 53.5201 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(195, 168, 188) }
```


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

```
.border{ border-color:rgb(195, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5854, 43.2382, 53.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 188) }
```

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

```
.background{ background-color: rgb(195,  
168, 188) }
```

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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