

Converting Colors

XYZ(43.4188, 46.9159, 54.3682)

Have a look what the booklet for
XYZ(43.4188, 46.9159, 54.3682)
contains.

XYZ(43.2308, 46.6825, 54.3091)	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(43.2308, 46.6825,
54.3091)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB8BC
RGB	172, 184, 188
RGB Percent	67%, 72%, 74%
CMY	0.3255, 0.2784, 0.2627
CMYK	0.09, 0.02, 0.00, 0.26
HSL	195°, 11%, 71%
HSV	195°, 9%, 74%
XYZ	43.2308, 46.6825, 54.3091
YIQ	180.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

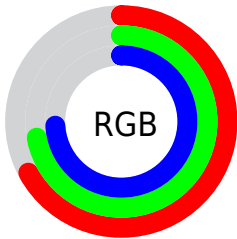
Format	Color
R_{YB}	172, 179, 188
Decimal	11319484
CIE Lab	73.99, -3.35, -3.46
CIE LCh	74, 4.817, 225.954
Yxy	46.6825, 0.2998, 0.3237
Android (android.graphics.Color)	4289509564 (0xFFACB8BC)
YUV	180.8680, 3.5161, -7.7772
Hunter-Lab	68.3246, -6.6263, 0.6994

Details

The XYZ color **43.2308, 46.6825, 54.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7108, 44.7201, 45.3583**, and the grayscale version is **43.8356, 46.1185, 50.2231**.

A 20% lighter version of the original color is **79.1678, 85.1827, 97.8573**, and **20.2352, 21.9749, 26.0967** is the 20% darker color. If you saturate the color by 10%, you get **38.4340, 42.7865, 53.8106**, and if you desaturate by 10%, it is **48.6465, 50.9481, 54.8477**.

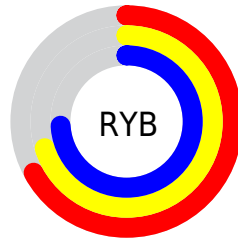
Distribution



Red (67%)

Green (72%)

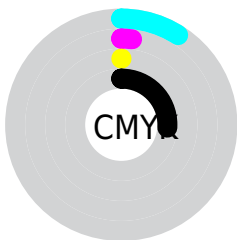
Blue (74%)



Red (67%)

Yellow (70%)

Blue (74%)

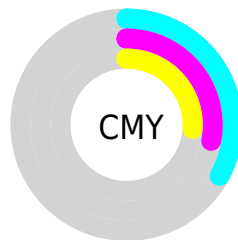


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2308, 46.6825, 54.3091 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 43.2308, 46.6825, 54.3091 by changing the saturation by 10% instead.

■ 43.2308, 46.6825,
54.3091

■ 43.2308, 46.6825,
54.3091

350.4655,
373.5458, 420.4955

■ 30.2616, 32.7847,
38.4540

■ 79.3126, 85.2395,
97.9889

■ 20.1863, 21.9616,
26.0307

103.1558,
110.6675, 126.6507

■ 12.6396, 13.8287,
16.6206

131.3544,
140.7077, 160.4184

■ 7.2561, 8.0016,
9.8053

164.2738,
175.7446, 199.7107

■ 3.6705, 4.0960,
5.1661

202.2792,
216.1624, 244.9460

■ 1.5175, 1.7274,
2.2846

245.7360,

■ 0.3377, 0.4413,

262.3456, 296.5428

0.7226

295.0097,
314.6786, 354.9198

■ 0.0000, 0.0000,
0.0000

■ 43.2308, 46.6825,
54.3091

■ 43.2308, 46.6825,
54.3091

■ 38.4340, 42.7865,
53.8106

■ 48.6465, 50.9481,
54.8477

■ 34.2272, 39.2411,
53.3480

■ 54.7001, 55.5899,
55.4246

■ 30.5855, 36.0342,
52.9210

■ 61.4152, 60.6216,
56.0419

■ 27.4804, 33.1505,
52.5280

■ 68.8126, 66.0546,
56.7007

■ 24.8807, 30.5736,
52.1677

■ 72.7481, 69.7527,
57.2071

■ 22.7520, 28.2853,
51.8382

■ 73.9065, 72.0694,
57.5932

■ 21.0554, 26.2649,
51.5376

■ 75.0990, 74.4545,
57.9907

■ 19.7451, 24.4884,
51.2638

■ 76.3260, 76.9085,
58.3997

■ 18.7461, 22.9166,
51.0130

■ 77.5877, 79.4319,
58.8203

Harmonies

Analogous

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



42.7996, 46.6825, 52.1419



43.2308, 46.6825, 54.3091



43.9703, 46.6825, 55.5623

Triad

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



43.2308, 46.6825, 54.3091



45.9935, 46.6825, 51.9872



43.9175, 46.6825, 46.4114

Complementary

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



43.2308, 46.6825, 54.3091



43.7108, 44.7201, 45.3583

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.



44.7728, 46.6825, 46.3730



43.2308, 46.6825, 54.3091



45.9790, 46.6825, 49.5390

Square

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



43.2308, 46.6825, 54.3091



45.5693, 46.6825, 54.1927



45.5297, 46.6825, 47.5014



43.1926, 46.6825, 47.6080

Rectangle

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



43.2308, 46.6825, 54.3091



44.5420, 46.6825, 55.6855



45.5297, 46.6825, 47.5014



44.1991, 46.6825, 46.2640

Sweetspot

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



43.2321, 46.6845, 54.3101



83.5687, 88.7440, 98.9510



42.8072, 47.8619, 47.9188



17.8006, 18.9498, 21.2620



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.2321, 46.6845, 54.3101



76.8373, 83.3945, 98.2732



41.6687, 43.5575, 53.7890



9.6013, 10.3949, 12.1726



12.7301, 15.5719, 34.7276



0.5476, 0.7079, 1.3766

Inverse Universe

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



44.1443, 43.6579, 51.4499



78.7971, 76.9444, 92.1160



45.2713, 47.8410, 45.8785



9.8253, 9.6544, 11.4693



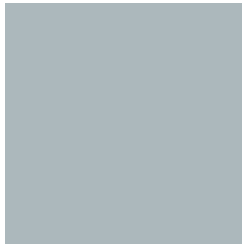
17.4263, 8.6017, 18.0705



0.7073, 0.3468, 0.8380

Previews

White Background



This preview shows how the XYZ color 43.2308, 46.6825, 54.3091 looks on a white background.

Color Contrast Check

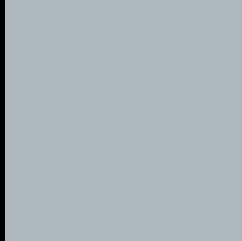
Large Text (above 18pt) WCAG AA × Fail

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 43.2308, 46.6825, 54.3091 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

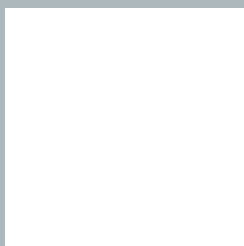
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2308, 46.6825, 54.3091

Background



This preview shows how black text looks on a background with the XYZ color 43.2308, 46.6825, 54.3091.



This preview shows how white text looks on a background with the XYZ color 43.2308, 46.6825,

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

43.2308, 46.6825, 54.3091

Protanopia

45.1540, 46.7833, 53.1046

Deuteranopia

47.5845, 46.5041, 55.1834



Tritanopia

44.4671, 46.8969, 59.5317

Trichromacy



Original Color

43.2308, 46.6825, 54.3091

Protanomaly

44.5200, 46.7471, 53.6903

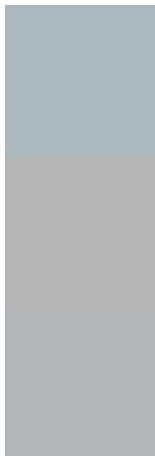
Deuteranomaly

45.7989, 46.4791, 54.7016

Tritanomaly

43.9047, 46.6463, 57.7285

Monochromacy



Original Color

43.2308, 46.6825, 54.3091

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.7398, 46.3816, 51.9946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2308, 46.6825, 54.3091 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(172, 184, 188) looks like.

```
.text, #text, p{  
    color:rgb(172, 184, 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(172, 184, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 188) }
```

Border

The CSS property to change the border of an element to XYZ 43.2308, 46.6825, 54.3091 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(172, 184, 188) }
```


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

```
.border{ border-color:rgb(172, 184, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 184, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 188);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2308, 46.6825, 54.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 188) }
```

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

```
.background{ background-color: rgb(172,  
184, 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](#).

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