

Converting Colors

XYZ(43.3851, 49.0767, 53.7953)

Have a look what the booklet for
XYZ(43.3851, 49.0767, 53.7953)
contains.

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Color

**XYZ(43.2196, 48.9138,
53.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	A6BFBA
RGB	166, 191, 186
RGB Percent	65%, 75%, 73%
CMY	0.3490, 0.2510, 0.2706
CMYK	0.13, 0.00, 0.03, 0.25
HSL	168°, 16%, 70%
HSV	168°, 13%, 75%
XYZ	43.2196, 48.9138, 53.6178
YIQ	182.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

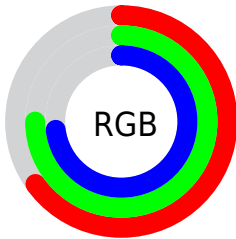
Format	Color
R _Y B	166, 180, 191
Decimal	10928058
CIE Lab	75.40, -9.47, -0.35
CIE LCh	75, 9.473, 182.137
Yxy	48.9138, 0.2965, 0.3356
Android (android.graphics.Color)	4289118138 (0xFFA6BFBA)
YUV	182.9550, 1.5012, -14.8695
Hunter-Lab	69.9384, -12.0852, 3.5026

Details

The XYZ color **43.2196, 48.9138, 53.6178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4745, 41.2903, 44.2614**, and the grayscale version is **44.9835, 47.3261, 51.5381**.

A 20% lighter version of the original color is **79.1066, 88.3045, 96.8795**, and **20.2615, 23.4478, 25.6483** is the 20% darker color. If you saturate the color by 10%, you get **39.1087, 46.8422, 51.3336**, and if you desaturate by 10%, it is **47.9388, 51.3004, 55.9893**.

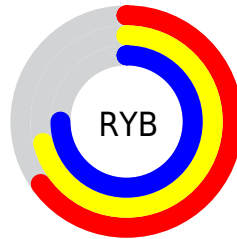
Distribution



Red (65%)

Green (75%)

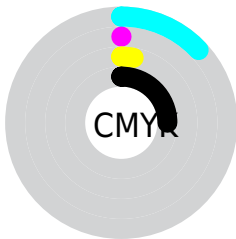
Blue (73%)



Red (65%)

Yellow (71%)

Blue (75%)

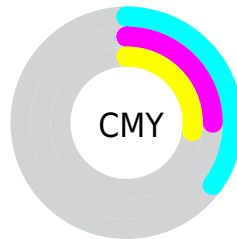


Cyan (13%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (35%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2196, 48.9138, 53.6178 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 43.2196, 48.9138, 53.6178 by changing the saturation by 10% instead.

■ 43.2196, 48.9138,
53.6178

■ 43.2196, 48.9138,
53.6178

350.4203,
382.4029, 417.7842

■ 30.2527, 34.5511,
37.9051

■ 79.2958, 88.5634,
96.9636

■ 20.1795, 23.3173,
25.6078

■ 103.1358,
114.6191, 125.4337

■ 12.6346, 14.8280,
16.3073

131.3309,
145.3413, 158.9934

■ 7.2527, 8.6987,
9.5852

164.2465,
181.1143, 198.0612

■ 3.6684, 4.5452,
5.0228

202.2478,
222.3226, 243.0557

■ 1.5163, 1.9830,
2.2017

245.7004,

■ 0.3369, 0.5976,

269.3505, 294.3953

0.6753

294.9694,
322.5825, 352.4986

■ 0.0000, 0.0000,
0.0000

■ 43.2196, 48.9138,
53.6178

■ 43.2196, 48.9138,
53.6178

■ 39.1087, 46.8422,
51.3336

■ 47.9388, 51.3004,
55.9893

■ 35.5757, 45.0660,
49.1316

■ 53.2868, 54.0086,
58.4464

■ 32.5939, 43.5726,
47.0114

■ 59.2882, 57.0522,
60.9916

■ 30.1328, 42.3465,
44.9709

■ 65.9648, 60.4428,
63.6265

■ 28.1588, 41.3703,
43.0082

■ 70.9045, 62.9366,
66.2385

■ 26.6343, 40.6246,
41.1210

■ 71.3720, 63.1236,
68.7001

■ 25.5163, 40.0872,
39.3069

■ 71.8508, 63.3151,
71.2214

■ 24.7530, 39.7315,
37.5630

■ 72.3410, 63.5112,
73.8030

■ 24.3638, 39.5563,
36.3955

■ 72.8428, 63.7119,
76.4451

Harmonies

Analogous

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



43.5888, 48.9138, 48.8949



43.2196, 48.9138, 53.6178



43.7087, 48.9138, 58.5332

Triad

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



43.2196, 48.9138, 53.6178



48.2980, 48.9138, 61.8130



48.0762, 48.9138, 45.2108

Complementary

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



43.2196, 48.9138, 53.6178



42.4745, 41.2903, 44.2614

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.



49.3892, 48.9138, 48.3112



43.2196, 48.9138, 53.6178



49.5195, 48.9138, 57.8750

Square

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



43.2196, 48.9138, 53.6178



46.6163, 48.9138, 63.4451



49.9237, 48.9138, 52.9014



46.3661, 48.9138, 44.2257

Rectangle

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



43.2196, 48.9138, 53.6178



44.4629, 48.9138, 61.2072



49.9237, 48.9138, 52.9014



48.5800, 48.9138, 46.0302

Sweetspot

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



43.2210, 48.9158, 53.6189



84.9834, 91.4341, 99.8523



42.4007, 48.7217, 43.2465



18.5134, 20.0031, 21.8547



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.2210, 48.9158, 53.6189



74.9606, 86.3705, 94.7161



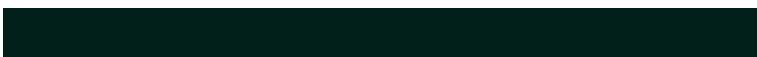
42.2545, 46.1167, 55.9671



9.7245, 10.7759, 11.7989



16.0399, 26.0063, 24.0709



0.6495, 1.0272, 1.0544

Inverse Universe

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



42.4745, 41.2903, 44.2614



73.3371, 69.7815, 74.3616



43.3300, 43.7501, 42.2379



9.6061, 9.5668, 10.3149



14.3760, 7.3816, 2.0077



0.5866, 0.2986, 0.2025

Previews

White Background



This preview shows how the XYZ color 43.2196, 48.9138, 53.6178 looks on a white background.

Color Contrast Check

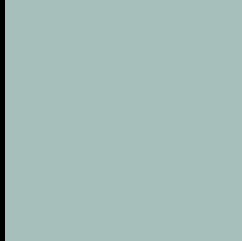
Large Text (above 18pt) WCAG AA × Fail

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 43.2196, 48.9138, 53.6178 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

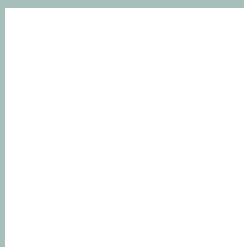
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2196, 48.9138, 53.6178

Background



This preview shows how black text looks on a background with the XYZ color 43.2196, 48.9138, 53.6178.

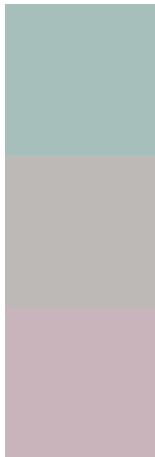


This preview shows how white text looks on a background with the XYZ color 43.2196, 48.9138,

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

43.2196, 48.9138, 53.6178

Protanopia

46.7787, 48.8941, 51.2280

Deuteranopia

49.7555, 48.8299, 54.3797



Tritanopia

45.1249, 48.7133, 63.5242

Trichromacy



Original Color

43.2196, 48.9138, 53.6178

Protanomaly

45.3736, 48.7833, 51.8244

Deuteranomaly

47.0964, 48.6877, 53.9291

Tritanomaly

44.4241, 48.7512, 59.8919

Monochromacy



Original Color

43.2196, 48.9138, 53.6178

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.3421, 47.9256, 52.2609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2196, 48.9138, 53.6178 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(166, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 186)  
}
```

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(166, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.2196, 48.9138, 53.6178 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(166, 191, 186) }
```


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

```
.border{ border-color:rgb(166, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 186);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2196, 48.9138, 53.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 186) }
```

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

```
.background{ background-color: rgb(166,  
191, 186) }
```

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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