

Converting Colors

XYZ(43.5383, 57.4262, 55.1918)

Have a look what the booklet for
XYZ(43.5383, 57.4262, 55.1918)
contains.

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Color

**XYZ(43.6446, 57.5493,
55.2622)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD7BA
RGB	138, 215, 186
RGB Percent	54%, 84%, 73%
CMY	0.4588, 0.1568, 0.2706
CMYK	0.36, 0.00, 0.13, 0.16
HSL	157°, 49%, 69%
HSV	157°, 36%, 84%
XYZ	43.6446, 57.5493, 55.2622
YIQ	188.6710, -36.5830, -25.3430

Conversions

Conversions Part 2

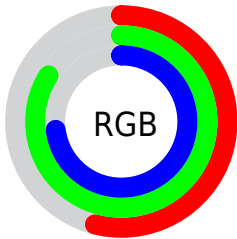
Format	Color
RYB	138, 185, 215
Decimal	9099194
CIELab	80.49, -30.15, 6.82
CIELCh	80, 30.912, 167.246
Yxy	57.5493, 0.2790, 0.3678
Android (android.graphics.Color)	4287289274 (0xFF8AD7BA)
YUV	188.6710, -1.3168, -44.4385
Hunter-Lab	75.8613, -30.0623, 9.9122

Details

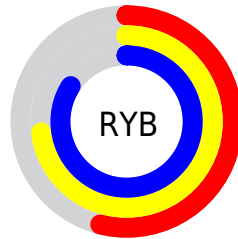
The XYZ color **43.6446, 57.5493, 55.2622** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0898, 35.4155, 41.0736**, and the grayscale version is **48.2054, 50.7158, 55.2295**.

A 20% lighter version of the original color is **74.0351, 89.4001, 97.3583**, and **20.4606, 28.7199, 26.6554** is the 20% darker color. If you saturate the color by 10%, you get **39.5970, 55.5609, 50.7061**, and if you desaturate by 10%, it is **48.4483, 59.9249, 60.1109**.

Distribution



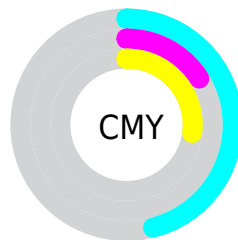
- Red (54%)
- Green (84%)
- Blue (73%)



- Red (54%)
- Yellow (73%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)





- Cyan (46%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6446, 57.5493, 55.2622 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 43.6446, 57.5493, 55.2622 by changing the saturation by 10% instead.


 43.6446, 57.5493,
55.2622


 43.6446, 57.5493,
55.2622


352.1328,
415.5044, 424.2150


 30.5879, 41.4464,
39.2117


 79.9324, 101.2662,
99.4000

 20.4355, 28.6681,
26.6153


 103.8941,
129.6491, 128.3244

 12.8221, 18.8299,
17.0547


 132.2216,
162.8941, 162.3771

 7.3823, 11.5474,
10.1111

165.2803,
201.3855, 201.9767

 3.7508, 6.4363,
5.3661

203.4353,
245.5079, 247.5418

 1.5621, 3.1122,
2.4012

247.0522,

 0.3675, 1.1906,

295.6456, 299.4908

0.7871

296.4962,
352.1830, 358.2424

■ 0.0000, 0.0540,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6446, 57.5493,
55.2622

■ 43.6446, 57.5493,
55.2622

■ 39.5970, 55.5609,
50.7061

■ 48.4483, 59.9249,
60.1109

■ 36.2583, 53.9308,
46.4326


■ 54.0424, 62.7007,
65.2541


■ 33.5829, 52.6373,
42.4363


■ 60.4648, 65.8977,
70.6989

■ 31.5179, 51.6531,
38.7105


■ 67.7497, 69.5335,
76.4507


 30.0020, 50.9467,
35.2478


 75.9290, 73.6243,
82.5149


 28.9592, 50.4790,
32.0399

 80.4777, 75.8374,
88.6834

 28.6062, 50.3248,
30.7689

 81.6720, 76.3151,
94.9728

 82.9203, 76.8145,
101.5463

 83.5915, 77.0829,
105.0805

Harmonies

Analogous

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



46.2230, 57.5493, 41.8143



43.6446, 57.5493, 55.2622



43.8578, 57.5493, 73.5987

Triad

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



43.6446, 57.5493, 55.2622



58.3953, 57.5493, 102.2917



63.4034, 57.5493, 40.3530

Complementary

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



43.6446, 57.5493, 55.2622



44.0898, 35.4155, 41.0736

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.



67.1936, 57.5493, 52.8652



43.6446, 57.5493, 55.2622



64.1524, 57.5493, 89.4907

Square

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



43.6446, 57.5493, 55.2622



52.0503, 57.5493, 103.2774



67.4779, 57.5493, 70.6932



57.4358, 57.5493, 34.3940

Rectangle

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



43.6446, 57.5493, 55.2622



45.5529, 57.5493, 86.2697



67.4779, 57.5493, 70.6932



64.9937, 57.5493, 43.8085

Sweetspot

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



43.6462, 57.5516, 55.2635



83.8181, 94.4009, 99.7382



44.9355, 58.7102, 33.0095



17.6672, 20.0697, 21.1146



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.



43.6462, 57.5516, 55.2635



59.5982, 82.4114, 76.1840



44.8241, 54.4625, 72.4425



12.5846, 14.0249, 14.8932



17.1622, 30.1202, 18.6817



1.0747, 1.8325, 1.3353

Inverse Universe

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



44.0898, 35.4155, 41.0736



60.3511, 45.1908, 52.3589



43.0447, 37.1458, 28.9468



12.6148, 12.4974, 13.9118



17.6973, 9.0153, 5.7102



1.1070, 0.5596, 0.5528

Previews

White Background



This preview shows how the XYZ color 43.6446, 57.5493, 55.2622 looks on a white background.

Color Contrast Check

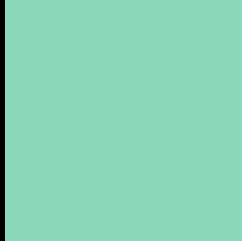
Large Text (above 18pt) WCAG AA × Fail

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 43.6446, 57.5493, 55.2622 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

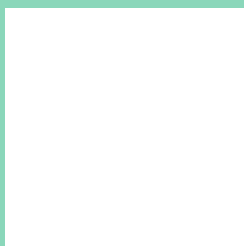
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6446, 57.5493, 55.2622

Background



This preview shows how black text looks on a background with the XYZ color 43.6446, 57.5493, 55.2622.

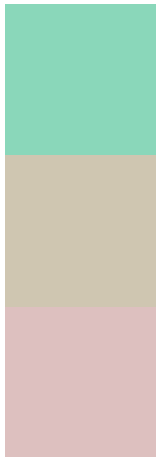


This preview shows how white text looks on a background with the XYZ color 43.6446, 57.5493,

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

43.6446, 57.5493, 55.2622

Protanopia

53.8620, 56.8279, 49.7250

Deuteranopia

58.0724, 56.8330, 57.1993



Tritanopia

48.5606, 57.2950, 80.4511

Trichromacy



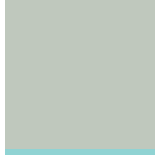
Original Color

43.6446, 57.5493, 55.2622



Protanomaly

49.1225, 56.4261, 51.4823



Deuteranomaly

51.3254, 56.0590, 56.2594



Tritanomaly

46.5537, 57.2210, 70.2191

Monochromacy



Original Color

43.6446, 57.5493, 55.2622



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.8487, 52.5651, 55.3065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6446, 57.5493, 55.2622 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(138, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(138, 215, 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(138, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 215, 186) }
```

Border

The CSS property to change the border of an element to XYZ 43.6446, 57.5493, 55.2622 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(138, 215, 186) }
```


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

```
.border{ border-color:rgb(138, 215, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 215, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 215, 186);  
box-shadow:4px 4px 4px 4px rgb(138, 215,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6446, 57.5493, 55.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 215, 186) }
```

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

```
.background{ background-color: rgb(138,  
215, 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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