

Converting Colors

XYZ(43.6492, 52.3958, 58.2649)

Have a look what the booklet for
XYZ(43.6492, 52.3958, 58.2649)
contains.

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Color

**XYZ(43.6492, 52.3958,
58.2649)**

Conversions

Conversions Part 1

Format	Color
Hex	99C9C1
RGB	153, 201, 193
RGB Percent	60%, 79%, 76%
CMY	0.4000, 0.2117, 0.2431
CMYK	0.24, 0.00, 0.04, 0.21
HSL	170°, 31%, 69%
HSV	170°, 24%, 79%
XYZ	43.6492, 52.3958, 58.2649
YIQ	185.7360, -26.0400, -12.6640

Conversions

Conversions Part 2

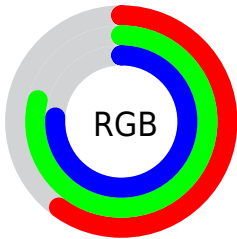
Format	Color
RYB	153, 179, 201
Decimal	10078657
CIELab	77.52, -17.33, -1.14
CIELCh	78, 17.368, 183.751
Yxy	52.3958, 0.2829, 0.3395
Android (android.graphics.Color)	4288268737 (0xFF99C9C1)
YUV	185.7360, 3.5812, -28.7095
Hunter-Lab	72.3849, -19.0355, 2.9451

Details

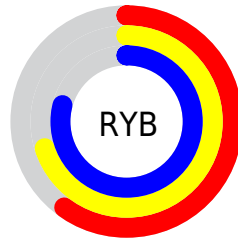
The XYZ color **43.6492, 52.3958, 58.2649** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9136, 37.7748, 38.8027**, and the grayscale version is **46.5167, 48.9392, 53.2948**.

A 20% lighter version of the original color is **78.8713, 91.7694, 103.1788**, and **20.5342, 25.5276, 28.6560** is the 20% darker color. If you saturate the color by 10%, you get **39.8011, 50.4561, 56.1564**, and if you desaturate by 10%, it is **48.1479, 54.6726, 60.4503**.

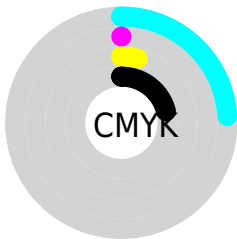
Distribution



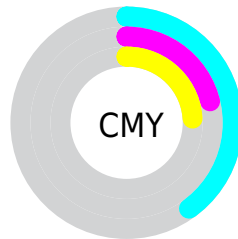
- Red (60%)
- Green (79%)
- Blue (76%)



- Red (60%)
- Yellow (70%)
- Blue (79%)



- Cyan (24%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (40%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6492, 52.3958, 58.2649 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 43.6492, 52.3958, 58.2649 by changing the saturation by 10% instead.


 43.6492, 52.3958,
58.2649


 43.6492, 52.3958,
58.2649


352.1513,
395.9627, 435.7981

 30.5915, 37.3207,
41.6055

 79.9392, 93.7147,
103.8271

 20.4383, 25.4559,
28.4693


 103.9023,
120.7272, 133.5670

 12.8242, 16.4170,
18.4376


132.2313,
152.4877, 168.5042

 7.3837, 9.8197,
11.0919

165.2914,
189.3805, 209.0572

 3.7517, 5.2796,
6.0138

203.4481,
231.7900, 255.6445

 1.5626, 2.4122,
2.7845

247.0668,

 0.3679, 0.8322,

280.1006, 308.6848

0.9857

296.5127,
334.6967, 368.5964

■ 0.0000, 0.0000,
0.0000

■ 43.6492, 52.3958,
58.2649

■ 43.6492, 52.3958,
58.2649

■ 39.8011, 50.4561,
56.1564

■ 48.1479, 54.6726,
60.4503

■ 36.5669, 48.8306,
54.1194

■ 53.3224, 57.2955,
62.7108

■ 33.9135, 47.5034,
52.1533

■ 59.2023, 60.2811,
65.0490

■ 31.8023, 46.4549,
50.2559

■ 65.8138, 63.6428,
67.4666

■ 30.1905, 45.6628,
48.4249

■ 73.1820, 67.3935,
69.9649

■ 29.0284, 45.1017,
46.6577

■ 74.1514, 67.8446,
72.2094

■ 28.2561, 44.7405,
44.9512

■ 74.5816, 68.0167,
74.4745

■ 27.9083, 44.5834,
43.9336

■ 75.0205, 68.1923,
76.7862

■ 75.4684, 68.3714,
79.1448

Harmonies

Analogous

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



44.2472, 52.3958, 49.2786



43.6492, 52.3958, 58.2649



44.6376, 52.3958, 67.9185

Triad

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



43.6492, 52.3958, 58.2649



53.4635, 52.3958, 73.7931



52.7023, 52.3958, 42.0609

Complementary

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



43.6492, 52.3958, 58.2649



41.9136, 37.7748, 38.8027

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.



55.3471, 52.3958, 47.4078



43.6492, 52.3958, 58.2649



55.8003, 52.3958, 65.5985

Square

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



43.6492, 52.3958, 58.2649



50.2230, 52.3958, 77.4954



56.5045, 52.3958, 55.8523



49.3806, 52.3958, 40.5598

Rectangle

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



43.6492, 52.3958, 58.2649



46.0904, 52.3958, 73.2474



56.5045, 52.3958, 55.8523



53.7048, 52.3958, 43.4361

Sweetspot

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



43.6507, 52.3979, 58.2661



88.3097, 96.5802, 106.1030



41.4978, 51.7358, 37.9370



18.7836, 20.6121, 22.6594



0.0000, 0.0000, 0.0000



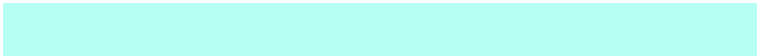
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6507, 52.3979, 58.2661



70.9559, 87.8010, 97.7418



41.1980, 46.0248, 61.9730



10.8678, 12.0360, 13.2542



17.5761, 28.0428, 27.7762



0.8530, 1.3361, 1.4245

Inverse Universe

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



41.9136, 37.7748, 38.8027



67.4420, 58.1953, 58.3519



43.8786, 42.7983, 36.0864



10.7048, 10.6653, 11.4288



15.3455, 7.8878, 1.7632



0.7497, 0.3827, 0.2053

Previews

White Background



This preview shows how the XYZ color 43.6492, 52.3958, 58.2649 looks on a white background.

Color Contrast Check

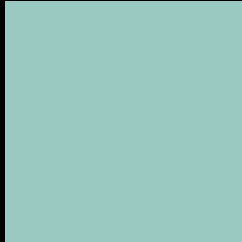
Large Text (above 18pt) WCAG AA × Fail

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 43.6492, 52.3958, 58.2649 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 43.6492, 52.3958, 58.2649

Background



This preview shows how black text looks on a background with the XYZ color 43.6492, 52.3958, 58.2649.

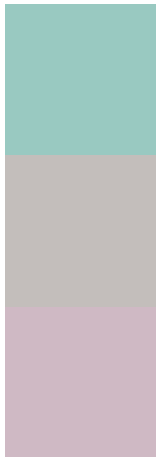


This preview shows how white text looks on a background with the XYZ color 43.6492, 52.3958,

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

43.6492, 52.3958, 58.2649

Protanopia

49.8888, 52.0169, 54.4245

Deuteranopia

53.0449, 51.9488, 59.4559



Tritanopia

46.2363, 52.4113, 71.2978

Trichromacy



Original Color

43.6492, 52.3958, 58.2649

Protanomaly

47.2995, 51.9610, 55.6806

Deuteranomaly

48.9746, 51.7665, 59.0405

Tritanomaly

45.2743, 52.3710, 66.1149

Monochromacy



Original Color

43.6492, 52.3958, 58.2649

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.2717, 49.9344, 55.3963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6492, 52.3958, 58.2649 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(153, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(153, 201, 193)  
}
```

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(153, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.6492, 52.3958, 58.2649 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(153, 201, 193) }
```


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

```
.border{ border-color:rgb(153, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(153, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6492, 52.3958, 58.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 201, 193) }
```

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

```
.background{ background-color: rgb(153,  
201, 193) }
```

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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