

Converting Colors

XYZ(43.6307, 49.9415, 58.2618)

Have a look what the booklet for
XYZ(43.6307, 49.9415, 58.2618)
contains.

XYZ(43.7273, 50.0557, 58.3960)	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(43.7273, 50.0557,
58.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C2C2
RGB	161, 194, 194
RGB Percent	63%, 76%, 76%
CMY	0.3686, 0.2392, 0.2392
CMYK	0.17, 0.00, 0.00, 0.24
HSL	180°, 21%, 70%
HSV	180°, 17%, 76%
XYZ	43.7273, 50.0557, 58.3960
YIQ	184.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

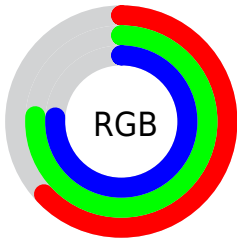
Format	Color
RYB	161, 178, 194
Decimal	10601154
CIELab	76.10, -11.01, -3.70
CIELCh	76, 11.612, 198.554
Yxy	50.0557, 0.2873, 0.3289
Android (android.graphics.Color)	4288791234 (0xFFA1C2C2)
YUV	184.1330, 4.8644, -20.2876
Hunter-Lab	70.7501, -13.4901, 0.5880

Details

The XYZ color **43.7273, 50.0557, 58.3960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4278, 39.5336, 39.1675**, and the grayscale version is **45.6163, 47.9919, 52.2632**.

A 20% lighter version of the original color is **80.0714, 90.4954, 103.6896**, and **20.4184, 23.9008, 28.3481** is the 20% darker color. If you saturate the color by 10%, you get **40.1173, 48.1960, 58.2272**, and if you desaturate by 10%, it is **47.9468, 52.2322, 58.5955**.

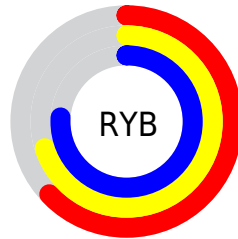
Distribution



Red (63%)

Green (76%)

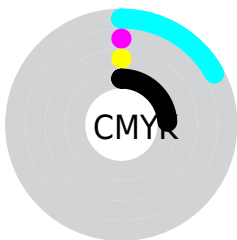
Blue (76%)



Red (63%)

Yellow (70%)

Blue (76%)

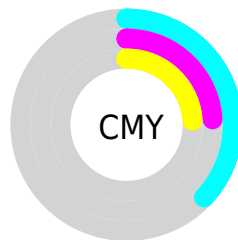


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (24%)



Cyan (37%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7273, 50.0557, 58.3960 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 43.7273, 50.0557, 58.3960 by changing the saturation by 10% instead.


 43.7273, 50.0557,
58.3960


 43.7273, 50.0557,
58.3960

352.4653,
386.8837, 436.2993

 30.6532, 35.4577,
41.7103


 80.0561, 90.2574,
104.0198

 20.4854, 24.0156,
28.5506

 104.0415,
116.6298, 133.7949

 12.8587, 15.3452,
18.4985


132.3948,
147.6959, 168.7703

 7.4076, 9.0620,
11.1353

165.4811,
183.8399, 209.3644

 3.7669, 4.7817,
6.0426

203.6660,
225.4463, 255.9958

 1.5711, 2.1197,
2.8018

247.3148,

 0.3735, 0.6757,

272.8995, 309.0831

0.9943

296.7928,
326.5838, 369.0447

■ 0.0000, 0.0000,
0.0000

■ 43.7273, 50.0557,
58.3960

■ 43.7273, 50.0557,
58.3960

■ 40.1173, 48.1960,
58.2272

■ 47.9468, 52.2322,
58.5955

■ 37.0846, 46.6326,
58.0843

■ 52.7975, 54.7329,
58.8234

■ 34.6006, 45.3521,
57.9671

■ 58.3055, 57.5723,
59.0822

■ 32.6324, 44.3375,
57.8740

■ 64.4940, 60.7626,
59.3727

■ 31.1439, 43.5701,
57.8034

■ 70.2714, 63.7409,
59.6440

■ 30.0940, 43.0289,
57.7533

■ 70.2716, 63.7410,
59.6450

■ 29.4350, 42.6892,
57.7215

■ 70.2717, 63.7410,
59.6460

■ 29.1016, 42.5174,
57.7050

■ 70.2719, 63.7411,
59.6469

■ 29.0290, 42.4799,
57.7013

■ 70.2721, 63.7412,
59.6479

Harmonies

Analogous

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



43.6008, 50.0557, 52.1638



43.7273, 50.0557, 58.3960



44.8662, 50.0557, 63.9648

Triad

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



43.7273, 50.0557, 58.3960



50.7750, 50.0557, 62.8055



48.4097, 50.0557, 43.6032

Complementary

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



43.7273, 50.0557, 58.3960



41.4278, 39.5336, 39.1675

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.



50.3937, 50.0557, 46.0220



43.7273, 50.0557, 58.3960



51.7867, 50.0557, 56.9094

Square

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



43.7273, 50.0557, 58.3960



48.9173, 50.0557, 66.6412



51.6451, 50.0557, 50.7854



46.2603, 50.0557, 43.9347

Rectangle

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



43.7273, 50.0557, 58.3960



46.0663, 50.0557, 66.4055



51.6451, 50.0557, 50.7854



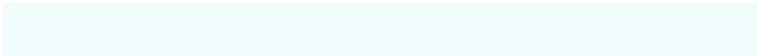
49.1192, 50.0557, 44.1137

Sweetspot

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



43.7287, 50.0578, 58.3971



88.4705, 95.4556, 106.2308



40.5353, 48.7932, 41.0006



19.2425, 20.8359, 23.2573



0.0000, 0.0000, 0.0000



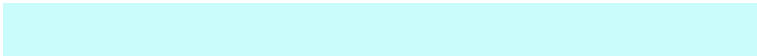
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7287, 50.0578, 58.3971



76.9396, 89.5113, 105.6885



40.3673, 43.3343, 57.2782



10.3685, 11.4285, 12.9441



19.0848, 27.9280, 37.9352



0.8246, 1.2067, 1.6391

Inverse Universe

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



41.4278, 39.5336, 39.1675



72.0756, 67.2644, 65.0394



44.3952, 45.4688, 40.1555



10.0733, 10.0779, 10.4764



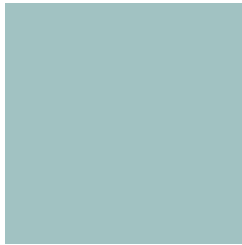
14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 43.7273, 50.0557, 58.3960 looks on a white background.

Color Contrast Check

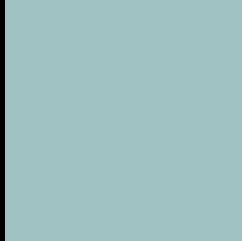
Large Text (above 18pt) WCAG AA × Fail

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 43.7273, 50.0557, 58.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

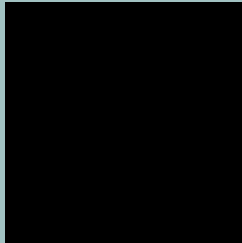
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7273, 50.0557, 58.3960

Background



This preview shows how black text looks on a background with the XYZ color 43.7273, 50.0557, 58.3960.

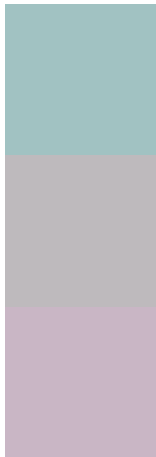


This preview shows how white text looks on a background with the XYZ color 43.7273, 50.0557,

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

43.7273, 50.0557, 58.3960

Protanopia

47.9794, 49.7391, 55.2159

Deuteranopia

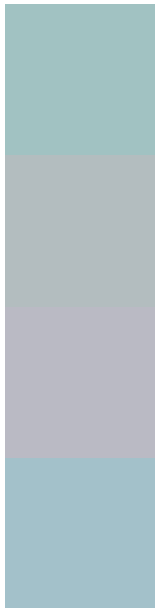
50.8934, 49.9046, 59.7735



Tritanopia

45.4220, 50.0968, 66.3071

Trichromacy



Original Color

43.7273, 50.0557, 58.3960

Protanomaly

46.1920, 49.7405, 56.4565

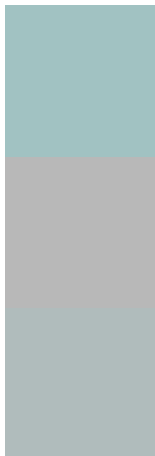
Deuteranomaly

47.7724, 49.5424, 59.2693

Tritanomaly

44.8349, 50.1907, 63.2018

Monochromacy



Original Color

43.7273, 50.0557, 58.3960

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.9648, 48.8274, 54.6317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7273, 50.0557, 58.3960 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(161, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 194, 194)  
}
```

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(161, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 43.7273, 50.0557, 58.3960 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(161, 194, 194) }
```


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

```
.border{ border-color:rgb(161, 194, 194) }
```

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

Here you see how a box with a 4 pixel rgb(161, 194, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7273, 50.0557, 58.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 194, 194) }
```

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

```
.background{ background-color: rgb(161,  
194, 194) }
```

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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