

Converting Colors

XYZ(38.9457, 43.7869, 63.5292)

Have a look what the booklet for
XYZ(38.9457, 43.7869, 63.5292)
contains.

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Color

**XYZ(38.7824, 43.5663,
63.4918)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB6CC
RGB	142, 182, 204
RGB Percent	56%, 71%, 80%
CMY	0.4431, 0.2863, 0.2000
CMYK	0.30, 0.11, 0.00, 0.20
HSL	201°, 38%, 68%
HSV	201°, 30%, 80%
XYZ	38.7824, 43.5663, 63.4918
YIQ	172.5480, -30.9020, -1.6380

Conversions

Conversions Part 2

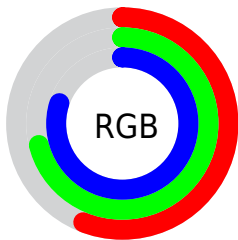
Format	Color
RYB	142, 166, 204
Decimal	9352908
CIELab	71.94, -8.19, -15.47
CIELCh	72, 17.506, 242.112
Yxy	43.5663, 0.2659, 0.2987
Android (android.graphics.Color)	4287542988 (0xFF8EB6CC)
YUV	172.5480, 15.5058, -26.7906
Hunter-Lab	66.0048, -10.6272, -10.8293

Details

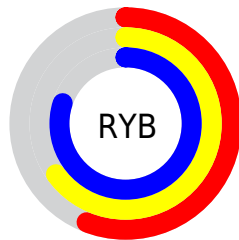
The XYZ color **38.7824, 43.5663, 63.4918** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0605, 41.3419, 31.3027**, and the grayscale version is **39.4265, 41.4798, 45.1715**.

A 20% lighter version of the original color is **71.6505, 80.2394, 106.3191**, and **17.5717, 20.0762, 31.8031** is the 20% darker color. If you saturate the color by 10%, you get **34.1535, 39.0369, 62.8623**, and if you desaturate by 10%, it is **44.1312, 48.5826, 64.1789**.

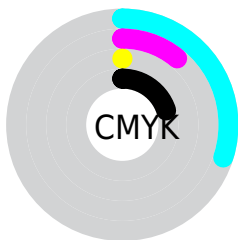
Distribution



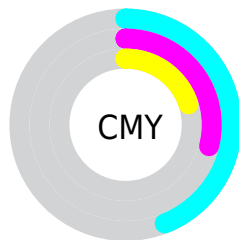
- Red (56%)
- Green (71%)
- Blue (80%)



- Red (56%)
- Yellow (65%)
- Blue (80%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7824, 43.5663, 63.4918 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 38.7824, 43.5663, 63.4918 by changing the saturation by 10% instead.

■ 38.7824, 43.5663,
63.4918

■ 38.7824, 43.5663,
63.4918

332.1876,
360.9355, 455.5091

■ 26.7705, 30.3297,
45.7956

■ 72.6020, 80.5647,
111.4711

■ 17.5366, 20.0890,
31.7371

■ 95.1403, 105.0953,
142.5914

■ 10.7155, 12.4597,
20.8976

121.9182,
134.1594, 179.0234

■ 5.9417, 7.0576,
12.8587

153.3009,
168.1414, 221.1858

■ 2.8500, 3.4981,
7.2017

189.6539,
207.4255, 269.4970

■ 1.0749, 1.3970,
3.5082

231.3424,

■ 0.0040, 0.2145,

252.3964, 324.3756

1.3596

278.7318,
303.4382, 386.2401

■ 0.0000, 0.0000,
0.1099

■ 0.0000, 0.0000,
0.0000

■ 38.7824, 43.5663,
63.4918

■ 38.7824, 43.5663,
63.4918

■ 34.1535, 39.0369,
62.8623

■ 44.1312, 48.5826,
64.1789

■ 30.2042, 34.9690,
62.2852

■ 50.2293, 54.0996,
64.9224

■ 26.8966, 31.3421,
61.7595

■ 57.1092, 60.1367,
65.7250

■ 24.1866, 28.1319,
61.2827

■ 64.8004, 66.7106,
66.5885

■ 22.0243, 25.3107,
60.8521

■ 73.3307, 73.8373,
67.5145

■ 20.3507, 22.8463,
60.4646

■ 79.1816, 79.7045,
68.3386

■ 19.0988, 20.7589,
60.1277

■ 81.1851, 83.7115,
69.0065

■ 83.2727, 87.8866,
69.7023

■ 85.4452, 92.2316,
70.4265

Harmonies

Analogous

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



36.7365, 43.5663, 56.7178



38.7824, 43.5663, 63.4918



41.6202, 43.5663, 65.8239

Triad

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



38.7824, 43.5663, 63.4918



47.4106, 43.5663, 46.8334



38.4329, 43.5663, 34.8355

Complementary

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



38.7824, 43.5663, 63.4918



43.0605, 41.3419, 31.3027

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.



41.1974, 43.5663, 32.8379



38.7824, 43.5663, 63.4918



46.4606, 43.5663, 39.2270

Square

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



38.7824, 43.5663, 63.4918



46.6893, 43.5663, 55.5445



44.1505, 43.5663, 34.3450



36.5416, 43.5663, 40.1582

Rectangle

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



38.7824, 43.5663, 63.4918



43.6058, 43.5663, 64.3455



44.1505, 43.5663, 34.3450



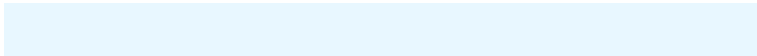
39.2862, 43.5663, 33.7838

Sweetspot

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



38.7837, 43.5680, 63.4928



84.5620, 90.8183, 107.6805



39.4230, 51.6069, 42.8646



17.7588, 19.1357, 23.0075



0.0000, 0.0000, 0.0000



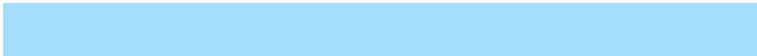
20.3446, 21.4041, 23.3091

Same Dimension

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



38.7837, 43.5680, 63.4928



59.4304, 67.4979, 104.5038



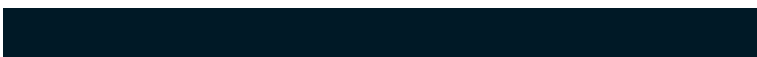
33.1705, 32.3416, 61.6217



11.1954, 12.0311, 14.3026



12.1114, 13.2468, 37.8748



0.6947, 0.8231, 1.9772

Inverse Universe

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



43.0195, 35.5620, 48.8546



67.6150, 52.8224, 76.0404



49.2332, 53.6872, 33.3602



11.5120, 11.3335, 13.2306



18.3242, 9.1403, 14.6917



0.9806, 0.4856, 0.9437

Previews

White Background



This preview shows how the XYZ color 38.7824, 43.5663, 63.4918 looks on a white background.

Color Contrast Check

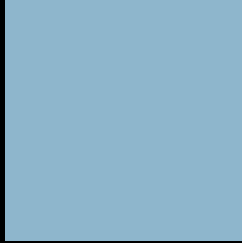
Large Text (above 18pt) WCAG AA × Fail

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 38.7824, 43.5663, 63.4918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

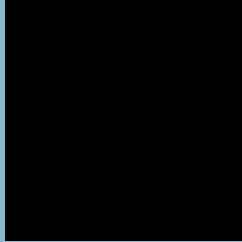
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7824, 43.5663, 63.4918

Background



This preview shows how black text looks on a background with the XYZ color 38.7824, 43.5663, 63.4918.



This preview shows how white text looks on a background with the XYZ color 38.7824, 43.5663,

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

38.7824, 43.5663, 63.4918

Protanopia

42.4581, 43.1663, 60.1270

Deuteranopia

44.2532, 43.4263, 64.4422



Tritanopia

38.1110, 43.6069, 59.8344

Trichromacy



Original Color

38.7824, 43.5663, 63.4918

Protanomaly

40.9627, 43.2384, 61.4452

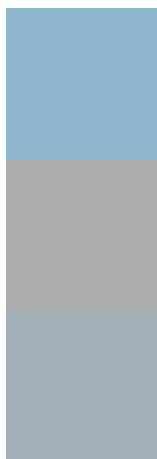
Deuteranomaly

42.0618, 43.4578, 63.9289

Tritanomaly

38.3433, 43.6998, 61.0576

Monochromacy



Original Color

38.7824, 43.5663, 63.4918

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.0774, 42.1927, 51.4318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7824, 43.5663, 63.4918 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(142, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(142, 182, 204)  
}
```

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(142, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 182, 204) }
```

Border

The CSS property to change the border of an element to XYZ 38.7824, 43.5663, 63.4918 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(142, 182, 204) }
```


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

```
.border{ border-color:rgb(142, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(142, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(142, 182,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7824, 43.5663, 63.4918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 182, 204) }
```

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

```
.background{ background-color: rgb(142,  
182, 204) }
```

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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