

Converting Colors

XYZ(38.0313, 44.9712, 52.7955)

Have a look what the booklet for
XYZ(38.0313, 44.9712, 52.7955)
contains.

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Color

**XYZ(38.0289, 44.9727,
52.5752)**

Conversions

Conversions Part 1

Format	Color
Hex	90BBB9
RGB	144, 187, 185
RGB Percent	56%, 73%, 73%
CMY	0.4353, 0.2667, 0.2745
CMYK	0.23, 0.00, 0.01, 0.27
HSL	177°, 24%, 65%
HSV	177°, 23%, 73%
XYZ	38.0289, 44.9727, 52.5752
YIQ	173.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

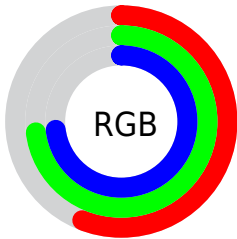
Format	Color
RYB	144, 166, 187
Decimal	9485241
CIELab	72.87, -14.64, -3.67
CIELCh	73, 15.095, 194.087
Yxy	44.9727, 0.2805, 0.3317
Android (android.graphics.Color)	4287675321 (0xFF90BBB9)
YUV	173.9150, 5.4649, -26.2355
Hunter-Lab	67.0617, -16.1354, 0.4609

Details

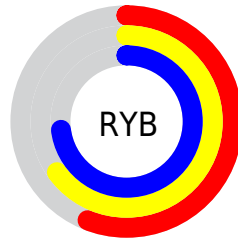
The XYZ color **38.0289, 44.9727, 52.5752** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6567, 32.5880, 31.6068**, and the grayscale version is **40.1715, 42.2636, 46.0250**.

A 20% lighter version of the original color is **71.4810, 82.5942, 95.3939**, and **17.1036, 20.9914, 24.9801** is the 20% darker color. If you saturate the color by 10%, you get **34.9381, 43.3911, 51.9531**, and if you desaturate by 10%, it is **41.6639, 46.8371, 53.2277**.

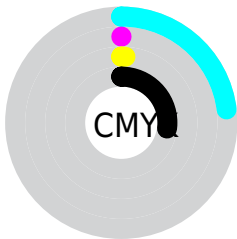
Distribution



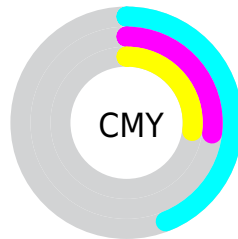
- Red (56%)
- Green (73%)
- Blue (73%)



- Red (56%)
- Yellow (65%)
- Blue (73%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0289, 44.9727, 52.5752 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 38.0289, 44.9727, 52.5752 by changing the saturation by 10% instead.

■ 38.0289, 44.9727,
52.5752

■ 38.0289, 44.9727,
52.5752

329.0226,
366.6630, 413.6732

■ 26.1824, 31.4359,
37.0784

■ 71.4560, 82.6794,
95.4142

■ 17.0936, 20.9310,
24.9719

■ 93.7674, 107.6182,
123.5934

■ 10.3969, 13.0736,
15.8373

120.2978,
137.1264, 156.8372

■ 5.7272, 7.4792,
9.2560

151.4126,
171.5885, 195.5641

■ 2.7190, 3.7636,
4.8094

187.4771,
211.3887, 240.1925

■ 1.0070, 1.5422,
2.0791

228.8568,

■ 0.0000, 0.3182,

256.9117, 291.1412

0.6033

275.9168,
308.5416, 348.8286

■ 0.0000, 0.0000,
0.0000

■ 38.0289, 44.9727,
52.5752

■ 38.0289, 44.9727,
52.5752

■ 34.9381, 43.3911,
51.9531

■ 41.6639, 46.8371,
53.2277

■ 32.3610, 42.0731,
51.3570

■ 45.8639, 48.9916,
53.9085

■ 30.2700, 41.0056,
50.7865

■ 50.6536, 51.4500,
54.6200

■ 28.6334, 40.1723,
50.2403

■ 56.0549, 54.2236,
55.3630

■ 27.4157, 39.5548,
49.7165

■ 62.0887, 57.3232,
56.1385

■ 26.5761, 39.1323,
49.2134

■ 68.3301, 60.5298,
56.9268

■ 26.0657, 38.8794,
48.7286

■ 68.4257, 60.5680,
57.4304

■ 25.8367, 38.7684,
48.3968

■ 68.5219, 60.6065,
57.9370

■ 68.6187, 60.6452,
58.4466

Harmonies

Analogous

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



38.0675, 44.9727, 45.1060



38.0289, 44.9727, 52.5752



39.2173, 44.9727, 59.7424

Triad

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



38.0289, 44.9727, 52.5752



46.3582, 44.9727, 60.1155



44.1457, 44.9727, 36.3271

Complementary

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



38.0289, 44.9727, 52.5752



35.6567, 32.5880, 31.6068

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.



46.4785, 44.9727, 39.5731



38.0289, 44.9727, 52.5752



47.7913, 44.9727, 53.0436

Square

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



38.0289, 44.9727, 52.5752



43.9870, 44.9727, 64.3884



47.8362, 44.9727, 45.5290



41.5270, 44.9727, 36.2293

Rectangle

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



38.0289, 44.9727, 52.5752



40.5747, 44.9727, 63.1721



47.8362, 44.9727, 45.5290



44.9917, 44.9727, 37.0700

Sweetspot

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



38.0302, 44.9745, 52.5762



78.9153, 86.0862, 96.0371



34.6865, 43.6809, 32.9896



17.2779, 18.9060, 21.1328



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.0302, 44.9745, 52.5762



64.9694, 78.9376, 93.5445



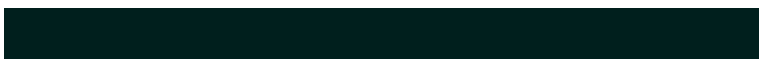
34.4107, 37.3948, 52.4200



9.7889, 10.8017, 12.1377



17.8086, 26.7137, 33.3845



0.7035, 1.0488, 1.3391

Inverse Universe

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



35.6567, 32.5880, 31.6068



59.9148, 52.5536, 48.8839



38.6886, 38.8988, 31.8556



9.5477, 9.5434, 10.0072



14.1606, 7.2954, 0.8732



0.5609, 0.2883, 0.0670

Previews

White Background



This preview shows how the XYZ color 38.0289, 44.9727, 52.5752 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 38.0289, 44.9727, 52.5752 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

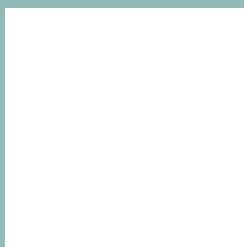
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0289, 44.9727, 52.5752

Background



This preview shows how black text looks on a background with the XYZ color 38.0289, 44.9727, 52.5752.

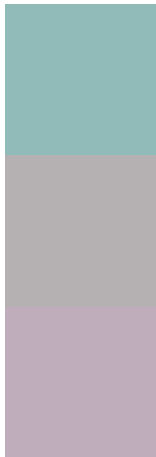


This preview shows how white text looks on a background with the XYZ color 38.0289, 44.9727,

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

38.0289, 44.9727, 52.5752

Protanopia

42.9149, 44.5227, 48.9797

Deuteranopia

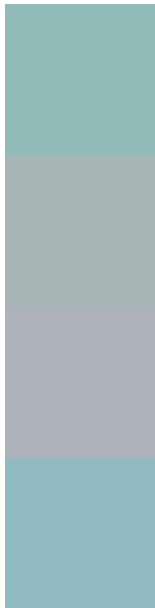
45.5065, 44.5943, 53.7861



Tritanopia

39.8069, 45.0711, 61.2451

Trichromacy



Original Color

38.0289, 44.9727, 52.5752

Protanomaly

41.0128, 44.7088, 50.1841

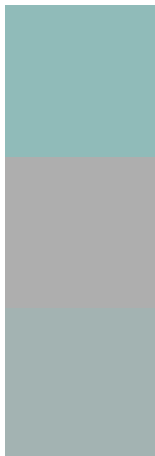
Deuteranomaly

42.3456, 44.4273, 53.3572

Tritanomaly

39.2633, 45.1689, 58.2788

Monochromacy



Original Color

38.0289, 44.9727, 52.5752

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.2602, 43.2411, 48.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0289, 44.9727, 52.5752 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(144, 187, 185)` looks like.

```
.text, #text, p{  
    color:rgb(144, 187, 185)  
}
```

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(144, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 187, 185) }
```

Border

The CSS property to change the border of an element to XYZ 38.0289, 44.9727, 52.5752 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(144, 187, 185) }
```


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

```
.border{ border-color:rgb(144, 187, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 187, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(144, 187,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0289, 44.9727, 52.5752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 187, 185) }
```

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

```
.background{ background-color: rgb(144,  
187, 185) }
```

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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