

Converting Colors

XYZ(37.8327, 43.1585, 54.4812)

Have a look what the booklet for
XYZ(37.8327, 43.1585, 54.4812)
contains.

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Color

**XYZ(37.9459, 43.3331,
54.5083)**

Conversions

Conversions Part 1

Format	Color
Hex	93B6BD
RGB	147, 182, 189
RGB Percent	58%, 71%, 74%
CMY	0.4235, 0.2863, 0.2588
CMYK	0.22, 0.04, 0.00, 0.26
HSL	190°, 24%, 66%
HSV	190°, 22%, 74%
XYZ	37.9459, 43.3331, 54.5083
YIQ	172.3330, -23.1070, -5.2430

Conversions

Conversions Part 2

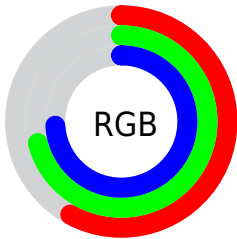
Format	Color
R _{YB}	147, 166, 189
Decimal	9680573
CIE Lab	71.78, -10.20, -7.46
CIE LCh	72, 12.634, 216.188
Yxy	43.3331, 0.2795, 0.3191
Android (android.graphics.Color)	4287870653 (0xFF93B6BD)
YUV	172.3330, 8.2168, -22.2170
Hunter-Lab	65.8279, -12.3040, -3.0151

Details

The XYZ color **37.9459, 43.3331, 54.5083** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8088, 36.0367, 32.5677**, and the grayscale version is **39.3504, 41.3997, 45.0843**.

A 20% lighter version of the original color is **71.4131, 80.2982, 98.1214**, and **17.0135, 19.9110, 26.2390** is the 20% darker color. If you saturate the color by 10%, you get **34.1939, 40.4533, 54.1509**, and if you desaturate by 10%, it is **42.2718, 46.5325, 54.8986**.

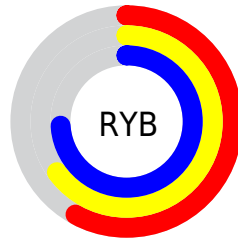
Distribution



Red (58%)

Green (71%)

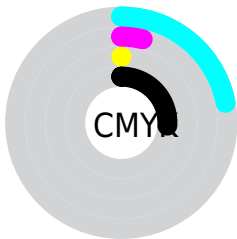
Blue (74%)



Red (58%)

Yellow (65%)

Blue (74%)

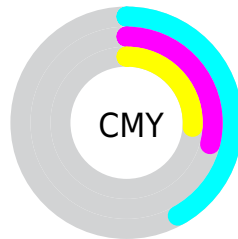


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9459, 43.3331, 54.5083 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 37.9459, 43.3331, 54.5083 by changing the saturation by 10% instead.

■ 37.9459, 43.3331,
54.5083

■ 37.9459, 43.3331,
54.5083

328.6727,
359.9799, 421.2747

■ 26.1177, 30.1466,
38.6123

■ 71.3296, 80.2133,
98.2841

■ 17.0449, 19.9499,
26.1527

■ 93.6159, 104.6757,
127.0009

■ 10.3620, 12.3586,
16.7111

120.1189,
133.6656, 160.8284

■ 5.7037, 6.9884,
9.8690

151.2041,
167.5672, 200.1850

■ 2.7047, 3.4548,
5.2077

187.2367,
206.7651, 245.4895

■ 0.9996, 1.3736,
2.3088

228.5821,

■ 0.0000, 0.1971,

251.6435, 297.1602

0.7361

275.6056,
302.5870, 355.6157

■ 0.0000, 0.0000,
0.0000

■ 37.9459, 43.3331,
54.5083

■ 37.9459, 43.3331,
54.5083

■ 34.1939, 40.4533,
54.1509

■ 42.2718, 46.5325,
54.8986

■ 30.9847, 37.8736,
53.8221

■ 47.1931, 50.0594,
55.3199

■ 28.2900, 35.5805,
53.5215

■ 52.7351, 53.9280,
55.7746

■ 26.0775, 33.5570,
53.2476

■ 58.9201, 58.1502,
56.2635

■ 24.3109, 31.7843,
52.9985

■ 65.7696, 62.7369,
56.7878

■ 22.9488, 30.2410,
52.7724

■ 71.2882, 66.6597,
57.2542

■ 21.9417, 28.9013,
52.5669

■ 72.0294, 68.1420,
57.5012

■ 21.3292, 27.9616,
52.4178

■ 72.7857, 69.6546,
57.7533

■ 73.5572, 71.1977,
58.0105

Harmonies

Analogous

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



37.2198, 43.3331, 48.4674



37.9459, 43.3331, 54.5083



39.5434, 43.3331, 58.8389

Triad

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



37.9459, 43.3331, 54.5083



45.0778, 43.3331, 52.1155



40.7437, 43.3331, 36.3833

Complementary

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



37.9459, 43.3331, 54.5083



37.8088, 36.0367, 32.5677

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.



42.8751, 43.3331, 37.1770



37.9459, 43.3331, 54.5083



45.4262, 43.3331, 45.9203

Square

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



37.9459, 43.3331, 54.5083



43.6711, 43.3331, 57.3757



44.6072, 43.3331, 40.5442



38.7986, 43.3331, 38.2740

Rectangle

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



37.9459, 43.3331, 54.5083



40.9131, 43.3331, 59.9813



44.6072, 43.3331, 40.5442



41.4617, 43.3331, 36.3474

Sweetspot

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



37.9472, 43.3349, 54.5093



80.0751, 86.4909, 98.7002



36.0056, 44.9089, 37.0385



17.1067, 18.5184, 21.2154



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.



37.9472, 43.3349, 54.5093



64.3354, 74.8536, 97.2836



34.0863, 35.6132, 53.2223



9.6696, 10.5316, 12.1954



14.3988, 18.9093, 35.2839



0.6005, 0.8137, 1.3943

Inverse Universe

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



39.8645, 35.0646, 48.9251



68.4681, 57.4265, 85.1578



41.4476, 43.3144, 33.7806



9.8598, 9.6682, 11.6509



18.2686, 8.9386, 22.5058



0.7340, 0.3575, 0.9787

Previews

White Background



This preview shows how the XYZ color 37.9459, 43.3331, 54.5083 looks on a white background.

Color Contrast Check

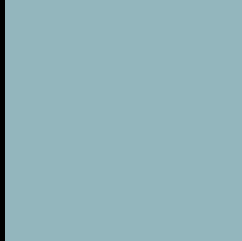
Large Text (above 18pt) WCAG AA × Fail

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 37.9459, 43.3331, 54.5083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

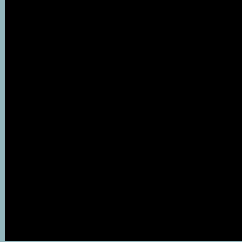
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9459, 43.3331, 54.5083

Background



This preview shows how black text looks on a background with the XYZ color 37.9459, 43.3331, 54.5083.



This preview shows how white text looks on a background with the XYZ color 37.9459, 43.3331,

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

37.9459, 43.3331, 54.5083

Protanopia

41.6923, 42.9629, 51.4427

Deuteranopia

43.9745, 43.2017, 55.3113



Tritanopia

38.5869, 43.2838, 57.9506

Trichromacy



Original Color

37.9459, 43.3331, 54.5083

Protanomaly

40.1021, 42.9888, 52.6384

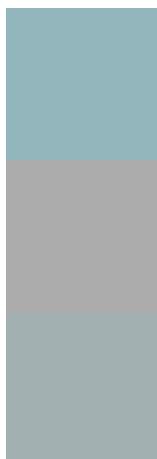
Deuteranomaly

41.4188, 43.0356, 54.8389

Tritanomaly

38.3623, 43.1939, 56.7674

Monochromacy



Original Color

37.9459, 43.3331, 54.5083

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6655, 42.0516, 48.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9459, 43.3331, 54.5083 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(147, 182, 189)` looks like.

```
.text, #text, p{  
    color:rgb(147, 182, 189)  
}
```

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(147, 182, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 182, 189) }
```

Border

The CSS property to change the border of an element to XYZ 37.9459, 43.3331, 54.5083 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(147, 182, 189) }
```


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

```
.border{ border-color:rgb(147, 182, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 182, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 182, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 182, 189); box-shadow:4px 4px 4px 4px rgb(147, 182, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9459, 43.3331, 54.5083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 182, 189) }
```

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

```
.background{ background-color: rgb(147,  
182, 189) }
```

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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