

Converting Colors

XYZ(39.5026, 45.4138, 54.6579)

Have a look what the booklet for
XYZ(39.5026, 45.4138, 54.6579)
contains.

XYZ(39.5067, 45.3712, 54.8194)	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(39.5067, 45.3712,
54.8194)**

Conversions

Conversions Part 1

Format	Color
Hex	97BABD
RGB	151, 186, 189
RGB Percent	59%, 73%, 74%
CMY	0.4078, 0.2706, 0.2588
CMYK	0.20, 0.02, 0.00, 0.26
HSL	185°, 22%, 67%
HSV	185°, 20%, 74%
XYZ	39.5067, 45.3712, 54.8194
YIQ	175.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

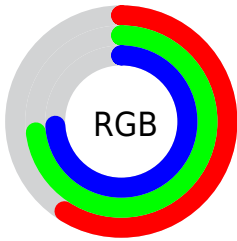
Format	Color
RYB	151, 169, 189
Decimal	9943741
CIELab	73.14, -11.06, -5.42
CIElCh	73, 12.316, 206.131
Yxy	45.3712, 0.2828, 0.3248
Android (android.graphics.Color)	4288133821 (0xFF97BABD)
YUV	175.8770, 6.4696, -21.8171
Hunter-Lab	67.3581, -13.1835, -1.1024

Details

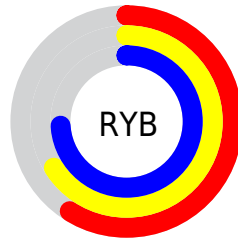
The XYZ color **39.5067, 45.3712, 54.8194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1282, 36.1645, 34.2499**, and the grayscale version is **41.1793, 43.3238, 47.1796**.

A 20% lighter version of the original color is **73.6872, 83.2186, 98.5653**, and **17.9771, 21.2053, 26.4381** is the 20% darker color. If you saturate the color by 10%, you get **35.9643, 43.0823, 54.5650**, and if you desaturate by 10%, it is **43.6173, 47.9602, 55.1032**.

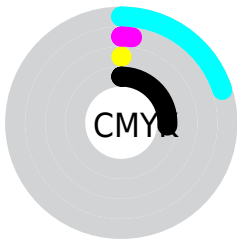
Distribution



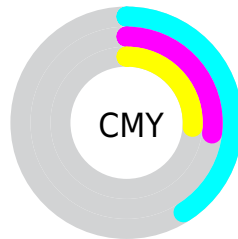
- Red (59%)
- Green (73%)
- Blue (74%)



- Red (59%)
- Yellow (66%)
- Blue (74%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (26%)



- Cyan (41%)
- Magenta (27%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5067, 45.3712, 54.8194 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 39.5067, 45.3712, 54.8194 by changing the saturation by 10% instead.

■ 39.5067, 45.3712,
54.8194

■ 39.5067, 45.3712,
54.8194

335.2102,
368.2749, 422.4896

■ 27.3366, 31.7499,
38.8595

■ 73.7009, 83.2772,
98.7448

■ 17.9641, 21.1705,
26.3435

■ 96.4557, 108.3306,
127.5474

■ 11.0237, 13.2487,
16.8527

123.4695,
137.9636, 161.4680

■ 6.1502, 7.6000,
9.9687

155.1076,
172.5604, 200.9251

■ 2.9782, 3.8401,
5.2729

191.7353,
212.5056, 246.3373

■ 1.1422, 1.5845,
2.3467

233.7181,

■ 0.0600, 0.3471,

258.1835, 298.1231

0.7572

281.4213,
309.9784, 356.7010

■ 0.0000, 0.0000,
0.0000

■ 39.5067, 45.3712,
54.8194

■ 39.5067, 45.3712,
54.8194

■ 35.9643, 43.0823,
54.5650

■ 43.6173, 47.9602,
55.1032

■ 32.9595, 41.0743,
54.3358

■ 48.3172, 50.8567,
55.4146

■ 30.4646, 39.3339,
54.1314

■ 53.6311, 54.0747,
55.7556

■ 28.4479, 37.8449,
53.9503

■ 59.5813, 57.6255,
56.1274

■ 26.8743, 36.5891,
53.7908

■ 66.1888, 61.5202,
56.5309

■ 25.7038, 35.5459,
53.6512

■ 69.9292, 63.9417,
56.8012

■ 24.8888, 34.6908,
53.5291

■ 70.2649, 64.6130,
56.9130

■ 24.3392, 33.9818,
53.4212

■ 70.6038, 65.2909,
57.0260

■ 70.9462, 65.9756,
57.1401

Harmonies

Analogous

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



39.1171, 45.3712, 48.6043



39.5067, 45.3712, 54.8194



40.8537, 45.3712, 59.9343

Triad

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



39.5067, 45.3712, 54.8194



46.6600, 45.3712, 56.3209



43.4044, 45.3712, 38.4734

Complementary

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



39.5067, 45.3712, 54.8194



38.1282, 36.1645, 34.2499

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.



45.4768, 45.3712, 40.1812



39.5067, 45.3712, 54.8194



47.3955, 45.3712, 50.2074

Square

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



39.5067, 45.3712, 54.8194



44.9764, 45.3712, 60.8507



46.9556, 45.3712, 44.3529



41.3231, 45.3712, 39.4868

Rectangle

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



39.5067, 45.3712, 54.8194



42.1374, 45.3712, 61.8532



46.9556, 45.3712, 44.3529



44.1258, 45.3712, 38.7442

Sweetspot

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



39.5080, 45.3731, 54.8204



81.3629, 87.9076, 98.9058



36.7549, 45.2929, 37.1746



17.3810, 18.8326, 21.2616



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.



39.5080, 45.3731, 54.8204



67.9210, 79.4430, 97.9804



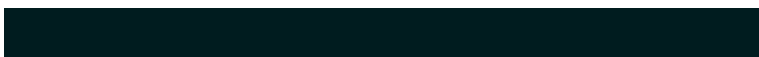
35.8530, 38.0631, 53.6021



9.7425, 10.6772, 12.2196



16.4018, 22.9154, 35.9515



0.6618, 0.9362, 1.4147

Inverse Universe

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



40.9169, 36.4982, 51.3447



70.9082, 60.8157, 90.5682



41.4272, 42.7625, 35.3496



9.8966, 9.6829, 11.8445



19.2797, 9.3430, 27.8300



0.7649, 0.3699, 1.1414

Previews

White Background



This preview shows how the XYZ color 39.5067, 45.3712, 54.8194 looks on a white background.

Color Contrast Check

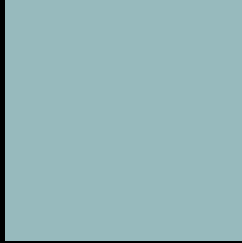
Large Text (above 18pt) WCAG AA × Fail

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 39.5067, 45.3712, 54.8194 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

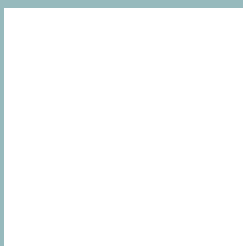
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5067, 45.3712, 54.8194

Background



This preview shows how black text looks on a background with the XYZ color 39.5067, 45.3712, 54.8194.



This preview shows how white text looks on a background with the XYZ color 39.5067, 45.3712,

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

39.5067, 45.3712, 54.8194

Protanopia

43.6282, 45.1252, 51.7580

Deuteranopia

46.0259, 45.1101, 55.5715



Tritanopia

40.5862, 45.1768, 60.6137

Trichromacy



Original Color

39.5067, 45.3712, 54.8194

Protanomaly

41.9644, 45.1390, 52.9553

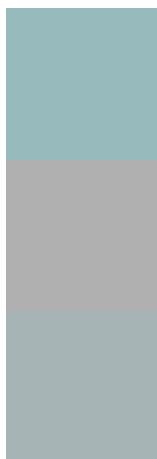
Deuteranomaly

43.1192, 44.7886, 55.0876

Tritanomaly

40.1482, 45.3135, 58.2601

Monochromacy



Original Color

39.5067, 45.3712, 54.8194

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5981, 44.1942, 50.1066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5067, 45.3712, 54.8194 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(151, 186, 189)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 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(151, 186, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 189) }
```

Border

The CSS property to change the border of an element to XYZ 39.5067, 45.3712, 54.8194 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(151, 186, 189) }
```


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

```
.border{ border-color:rgb(151, 186, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 186, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 186, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 186, 189);  
box-shadow:4px 4px 4px 4px rgb(151, 186,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5067, 45.3712, 54.8194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 186, 189) }
```

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

```
.background{ background-color: rgb(151,  
186, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor