

Converting Colors

XYZ(39.7799, 44.7988, 53.3686)

Have a look what the booklet for
XYZ(39.7799, 44.7988, 53.3686)
contains.

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Color

**XYZ(39.8204, 44.9368,
53.5886)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB8BB
RGB	156, 184, 187
RGB Percent	61%, 72%, 73%
CMY	0.3882, 0.2784, 0.2667
CMYK	0.17, 0.02, 0.00, 0.27
HSL	186°, 19%, 67%
HSV	186°, 17%, 73%
XYZ	39.8204, 44.9368, 53.5886
YIQ	175.9700, -17.6510, -5.0030

Conversions

Conversions Part 2

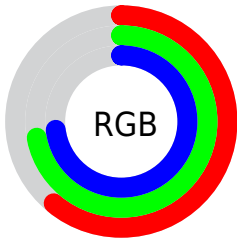
Format	Color
RYB	156, 171, 187
Decimal	10270907
CIELab	72.85, -8.84, -4.72
CIELCh	73, 10.022, 208.076
Yxy	44.9368, 0.2878, 0.3248
Android (android.graphics.Color)	4288460987 (0xFF9CB8BB)
YUV	175.9700, 5.4378, -17.5137
Hunter-Lab	67.0349, -11.2777, -0.4728

Details

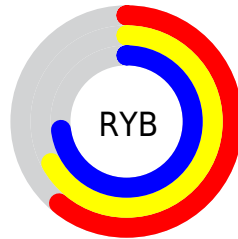
The XYZ color **39.8204, 44.9368, 53.5886** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8926, 37.7611, 36.6919**, and the grayscale version is **41.2314, 43.3786, 47.2393**.

A 20% lighter version of the original color is **74.2017, 82.6401, 96.8343**, and **18.1283, 20.8969, 25.6323** is the 20% darker color. If you saturate the color by 10%, you get **36.1039, 42.4681, 53.3087**, and if you desaturate by 10%, it is **44.1014, 47.7061, 53.8982**.

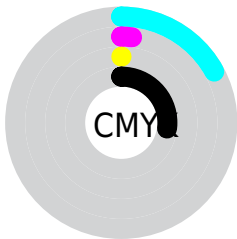
Distribution



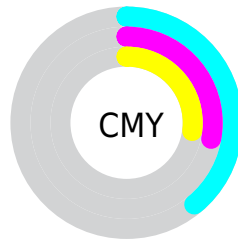
- Red (61%)
- Green (72%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (73%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8204, 44.9368, 53.5886 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 39.8204, 44.9368, 53.5886 by changing the saturation by 10% instead.

■ 39.8204, 44.9368,
53.5886

■ 39.8204, 44.9368,
53.5886

336.5134,
366.5175, 417.6694

■ 27.5821, 31.4076,
37.8819

■ 74.1760, 82.6256,
96.9202

■ 18.1497, 20.9095,
25.5899

■ 97.0241, 107.5540,
125.3823

■ 11.1579, 13.0578,
16.2941

124.1395,
137.0509, 158.9331

■ 6.2412, 7.4684,
9.5759

155.8875,
171.5008, 197.9914

■ 3.0343, 3.7567,
5.0168

192.6336,
211.2880, 242.9757

■ 1.1720, 1.5384,
2.1982

234.7430,

■ 0.0841, 0.3155,

256.7969, 294.3044

0.6733

282.5812,
308.4120, 352.3961

■ 0.0000, 0.0000,
0.0000

■ 39.8204, 44.9368,
53.5886

■ 39.8204, 44.9368,
53.5886

■ 36.1039, 42.4681,
53.3087

■ 44.1014, 47.7061,
53.8982

■ 32.9226, 40.2811,
53.0542

■ 48.9668, 50.7826,
54.2356

■ 30.2504, 38.3637,
52.8250

■ 54.4404, 54.1797,
54.6028

■ 28.0575, 36.7005,
52.6195

■ 60.5432, 57.9086,
55.0009

■ 26.3109, 35.2743,
52.4363

■ 67.2956, 61.9795,
55.4308

■ 24.9735, 34.0660,
52.2736

■ 69.6917, 63.8119,
55.6582

■ 24.0019, 33.0534,
52.1293

■ 70.0989, 64.6262,
55.7939

■ 23.3386, 32.2065,
52.0008

■ 70.5110, 65.4504,
55.9313

■ 23.1431, 31.9346,
51.9586

■ 70.9280, 66.2844,
56.0703

Harmonies

Analogous

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



39.4468, 44.9368, 48.6068



39.8204, 44.9368, 53.5886



40.9624, 44.9368, 57.5399

Triad

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



39.8204, 44.9368, 53.5886



45.6206, 44.9368, 54.1842



42.8238, 44.9368, 39.9450

Complementary

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



39.8204, 44.9368, 53.5886



38.8926, 37.7611, 36.6919

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.



44.5088, 44.9368, 41.2223



39.8204, 44.9368, 53.5886



46.1506, 44.9368, 49.2517

Square

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



39.8204, 44.9368, 53.5886



44.3087, 44.9368, 57.8998



45.7384, 44.9368, 44.5468



41.1524, 44.9368, 40.9354

Rectangle

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



39.8204, 44.9368, 53.5886



42.0220, 44.9368, 58.9384



45.7384, 44.9368, 44.5468



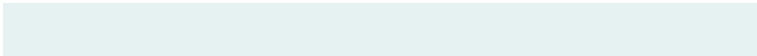
43.4076, 44.9368, 40.1215

Sweetspot

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



39.8217, 44.9387, 53.5896



80.2205, 86.2289, 96.6172



37.7032, 45.0981, 39.3299



17.5368, 18.9068, 21.2676



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.



39.8217, 44.9387, 53.5896



68.7097, 78.7652, 95.7832



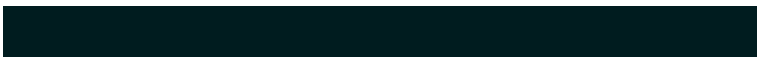
36.8531, 39.0014, 52.6001



9.7276, 10.6475, 12.2147



15.9748, 22.0613, 35.8092



0.6489, 0.9104, 1.4104

Inverse Universe

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



41.0347, 37.8033, 50.4836



71.3200, 63.5637, 89.0648



41.6471, 43.2701, 37.6101



9.8891, 9.6799, 11.8051



19.0641, 9.2568, 26.6949



0.7584, 0.3673, 1.1072

Previews

White Background



This preview shows how the XYZ color 39.8204, 44.9368, 53.5886 looks on a white background.

Color Contrast Check

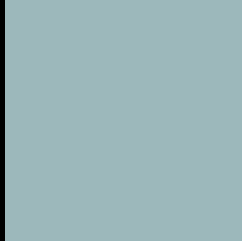
Large Text (above 18pt) WCAG AA × Fail

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 39.8204, 44.9368, 53.5886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

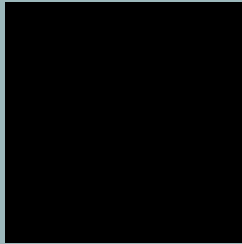
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8204, 44.9368, 53.5886

Background



This preview shows how black text looks on a background with the XYZ color 39.8204, 44.9368, 53.5886.



This preview shows how white text looks on a background with the XYZ color 39.8204, 44.9368,

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

39.8204, 44.9368, 53.5886

Protanopia

43.0918, 44.5665, 51.1308

Deuteranopia

45.6147, 44.6376, 54.3559



Tritanopia

40.9065, 44.7562, 59.3061

Trichromacy



Original Color

39.8204, 44.9368, 53.5886

Protanomaly

41.7676, 44.7611, 51.7858

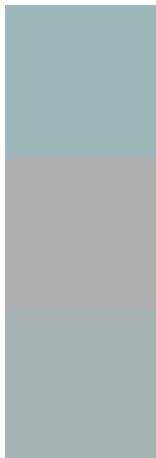
Deuteranomaly

43.1593, 44.5401, 53.8993

Tritanomaly

40.4638, 44.8853, 56.9831

Monochromacy



Original Color

39.8204, 44.9368, 53.5886

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.7205, 43.9705, 49.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8204, 44.9368, 53.5886 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(156, 184, 187)` looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 187)  
}
```

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(156, 184, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 187) }
```

Border

The CSS property to change the border of an element to XYZ 39.8204, 44.9368, 53.5886 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(156, 184, 187) }
```


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

```
.border{ border-color:rgb(156, 184, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 184, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 184, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 184, 187);  
box-shadow:4px 4px 4px 4px rgb(156, 184,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8204, 44.9368, 53.5886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 187) }
```

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

```
.background{ background-color: rgb(156,  
184, 187) }
```

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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