

Converting Colors

XYZ(39.5699, 44.6693, 64.0654)

Have a look what the booklet for
XYZ(39.5699, 44.6693, 64.0654)
contains.

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Color

**XYZ(39.4876, 44.5284,
64.2712)**

Conversions

Conversions Part 1

Format	Color
Hex	8FB8CD
RGB	143, 184, 205
RGB Percent	56%, 72%, 80%
CMY	0.4392, 0.2784, 0.1961
CMYK	0.30, 0.10, 0.00, 0.20
HSL	200°, 38%, 68%
HSV	200°, 30%, 80%
XYZ	39.4876, 44.5284, 64.2712
YIQ	174.1350, -31.1770, -2.1610

Conversions

Conversions Part 2

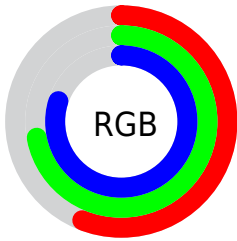
Format	Color
RYB	143, 168, 205
Decimal	9418957
CIELab	72.58, -8.72, -15.05
CIELCh	73, 17.392, 239.894
Yxy	44.5284, 0.2663, 0.3003
Android (android.graphics.Color)	4287609037 (0xFF8FB8CD)
YUV	174.1350, 15.2164, -27.3054
Hunter-Lab	66.7296, -11.1485, -10.3950

Details

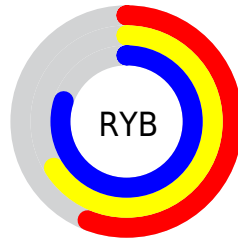
The XYZ color **39.4876, 44.5284, 64.2712** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4108, 41.5135, 31.7126**, and the grayscale version is **40.2383, 42.3338, 46.1015**.

A 20% lighter version of the original color is **72.4988, 81.5459, 106.5266**, and **18.0166, 20.6911, 32.3224** is the 20% darker color. If you saturate the color by 10%, you get **34.8511, 40.0504, 63.6520**, and if you desaturate by 10%, it is **44.8461, 49.4858, 64.9464**.

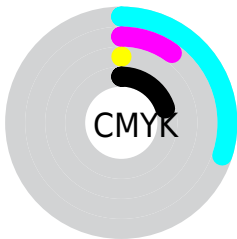
Distribution



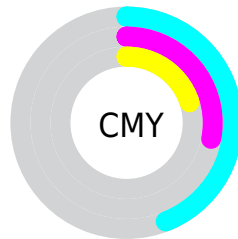
- Red (56%)
- Green (72%)
- Blue (80%)



- Red (56%)
- Yellow (66%)
- Blue (80%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4876, 44.5284, 64.2712 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 39.4876, 44.5284, 64.2712 by changing the saturation by 10% instead.

■ 39.4876, 44.5284,
64.2712

■ 39.4876, 44.5284,
64.2712

335.1307,
364.8602, 458.4027

■ 27.3217, 31.0861,
46.4228

■ 73.6719, 82.0123,
112.6046

■ 17.9528, 20.6644,
32.2285

■ 96.4211, 106.8227,
143.9267

■ 11.0156, 12.8789,
21.2698

123.4286,
136.1912, 180.5771

■ 6.1447, 7.3452,
13.1282

155.0600,
170.5023, 222.9744

■ 2.9748, 3.6789,
7.3851

191.6806,
210.1404, 271.5370

■ 1.1404, 1.4956,
3.6220

233.6556,

■ 0.0585, 0.2857,

255.4898, 326.6836

1.4204

281.3505,
306.9349, 388.8326

■ 0.0000, 0.0000,
0.1575

■ 0.0000, 0.0000,
0.0000

■ 39.4876, 44.5284,
64.2712

■ 39.4876, 44.5284,
64.2712

■ 34.8511, 40.0504,
63.6520

■ 44.8461, 49.4858,
64.9464

■ 30.8961, 36.0263,
63.0837

■ 50.9563, 54.9362,
65.6764

■ 27.5844, 32.4359,
62.5652

■ 57.8508, 60.8989,
66.4639

■ 24.8716, 29.2548,
62.0942

■ 65.5593, 67.3906,
67.3107

■ 22.7075, 26.4555,
61.6679

■ 74.1097, 74.4271,
68.2182

■ 21.0327, 24.0057,
61.2833

■ 79.3639, 79.8765,
68.9931

■ 19.7635, 21.8957,
60.9430

■ 81.2866, 83.7218,
69.6340

■ 83.2865, 87.7217,
70.3006

■ 85.3646, 91.8779,
70.9934

Harmonies

Analogous

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



37.5042, 44.5284, 57.2166



39.4876, 44.5284, 64.2712



42.3122, 44.5284, 67.0055

Triad

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



39.4876, 44.5284, 64.2712



48.3740, 44.5284, 48.5146



39.5053, 44.5284, 35.4949

Complementary

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



39.4876, 44.5284, 64.2712



43.4108, 41.5135, 31.7126

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.



42.3336, 44.5284, 33.7347



39.4876, 44.5284, 64.2712



47.5376, 44.5284, 40.6882

Square

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



39.4876, 44.5284, 64.2712



47.5260, 44.5284, 57.2760



45.2908, 44.5284, 35.5199



37.5141, 44.5284, 40.6409

Rectangle

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



39.4876, 44.5284, 64.2712



44.3216, 44.5284, 65.7866



45.2908, 44.5284, 35.5199



40.3852, 44.5284, 34.5168

Sweetspot

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



39.4890, 44.5302, 64.2722



84.6753, 91.0448, 107.7183



39.8307, 52.1715, 42.9361



17.7868, 19.1917, 23.0168



0.0000, 0.0000, 0.0000



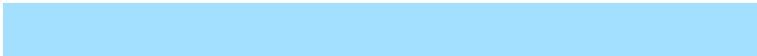
20.3446, 21.4041, 23.3091

Same Dimension

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



39.4890, 44.5302, 64.2722



59.8265, 68.2902, 104.6359



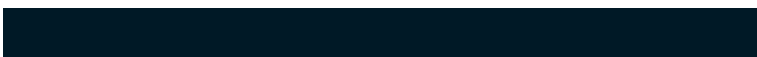
33.7940, 33.1402, 62.3739



11.2108, 12.0621, 14.3077



12.3944, 13.8127, 37.9691



0.7079, 0.8495, 1.9816

Inverse Universe

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



43.6521, 36.0859, 50.0139



67.8150, 52.9024, 77.0935



49.5761, 53.8442, 33.7677



11.5198, 11.3366, 13.2718



18.4670, 9.1974, 15.4439



0.9873, 0.4883, 0.9787

Previews

White Background



This preview shows how the XYZ color 39.4876, 44.5284, 64.2712 looks on a white background.

Color Contrast Check

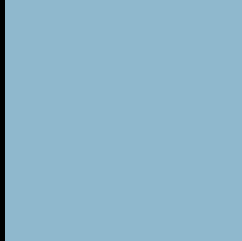
Large Text (above 18pt) WCAG AA × Fail

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 39.4876, 44.5284, 64.2712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

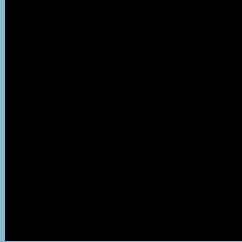
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4876, 44.5284, 64.2712

Background



This preview shows how black text looks on a background with the XYZ color 39.4876, 44.5284, 64.2712.



This preview shows how white text looks on a background with the XYZ color 39.4876, 44.5284,

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

39.4876, 44.5284, 64.2712

Protanopia

43.4062, 44.2195, 60.8910

Deuteranopia

45.2621, 44.2159, 65.1804



Tritanopia

38.9296, 44.6188, 61.2041

Trichromacy



Original Color

39.4876, 44.5284, 64.2712

Protanomaly

41.8850, 44.2910, 62.2186

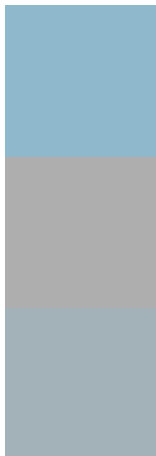
Deuteranomaly

42.7991, 44.1160, 64.6520

Tritanomaly

39.1650, 44.7130, 62.4434

Monochromacy



Original Color

39.4876, 44.5284, 64.2712

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.7816, 43.1301, 52.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4876, 44.5284, 64.2712 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(143, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 184, 205)  
}
```

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(143, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 184, 205) }
```

Border

The CSS property to change the border of an element to XYZ 39.4876, 44.5284, 64.2712 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(143, 184, 205) }
```


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

```
.border{ border-color:rgb(143, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 184,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4876, 44.5284, 64.2712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 184, 205) }
```

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

```
.background{ background-color: rgb(143,  
184, 205) }
```

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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