

Converting Colors

XYZ(39.8684, 44.8145, 60.5208)

Have a look what the booklet for
XYZ(39.8684, 44.8145, 60.5208)
contains.

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Color

**XYZ(39.8437, 44.7941,
60.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	95B8C7
RGB	149, 184, 199
RGB Percent	58%, 72%, 78%
CMY	0.4157, 0.2784, 0.2196
CMYK	0.25, 0.08, 0.00, 0.22
HSL	198°, 31%, 68%
HSV	198°, 25%, 78%
XYZ	39.8437, 44.7941, 60.5790
YIQ	175.2450, -25.6750, -2.7550

Conversions

Conversions Part 2

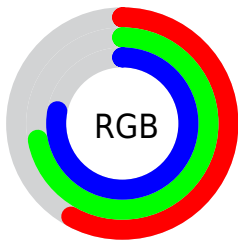
Format	Color
R _Y B	149, 170, 199
Decimal	9812167
CIE Lab	72.76, -8.36, -11.47
CIE LCh	73, 14.193, 233.893
Yxy	44.7941, 0.2744, 0.3085
Android (android.graphics.Color)	4288002247 (0xFF95B8C7)
YUV	175.2450, 11.7112, -23.0169
Hunter-Lab	66.9284, -10.8604, -6.8154

Details

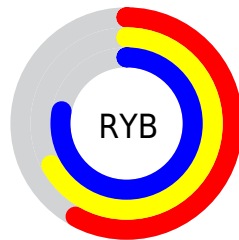
The XYZ color **39.8437, 44.7941, 60.5790** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2539, 40.8630, 34.0950**, and the grayscale version is **40.8262, 42.9524, 46.7752**.

A 20% lighter version of the original color is **74.1119, 82.3775, 106.6021**, and **18.1569, 20.8183, 29.8494** is the 20% darker color. If you saturate the color by 10%, you get **35.3050, 40.6533, 60.0197**, and if you desaturate by 10%, it is **45.0578, 49.3630, 61.1868**.

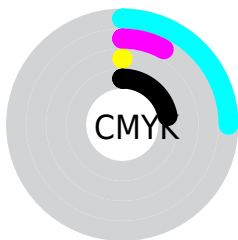
Distribution



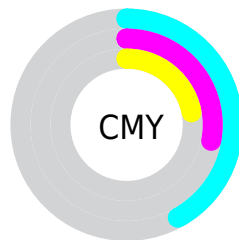
- Red (58%)
- Green (72%)
- Blue (78%)



- Red (58%)
- Yellow (67%)
- Blue (78%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8437, 44.7941, 60.5790 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 39.8437, 44.7941, 60.5790 by changing the saturation by 10% instead.

■ 39.8437, 44.7941,
60.5790

■ 39.8437, 44.7941,
60.5790

336.6101,
365.9390, 444.5924

■ 27.6004, 31.2953,
43.4571

■ 74.2113, 82.4114,
107.2207

■ 18.1635, 20.8238,
29.9099

■ 97.0663, 107.2986,
137.5776

■ 11.1679, 12.9953,
19.5187

124.1892,
136.7507, 173.1833

■ 6.2480, 7.4253,
11.8651

155.9454,
171.1522, 214.4564

■ 3.0385, 3.7295,
6.5305

192.7002,
210.8873, 261.8152

■ 1.1742, 1.5234,
3.0963

234.8190,

■ 0.0858, 0.3051,

256.3406, 315.6785

1.1440

282.6672,
307.8964, 376.4647

■ 0.0000, 0.0000,
0.0000

■ 39.8437, 44.7941,
60.5790

■ 39.8437, 44.7941,
60.5790

■ 35.3050, 40.6533,
60.0197

■ 45.0578, 49.3630,
61.1868

■ 31.4055, 36.9176,
59.5042

■ 50.9731, 54.3709,
61.8417

■ 28.1116, 33.5699,
59.0316

■ 57.6190, 59.8349,
62.5461

■ 25.3847, 30.5893,
58.6000

■ 65.0221, 65.7697,
63.3014

■ 23.1816, 27.9526,
58.2072

■ 73.2073, 72.1890,
64.1090

■ 21.4524, 25.6328,
57.8506

■ 77.0946, 76.4748,
64.7314

■ 20.1361, 23.5977,
57.5271

■ 78.6876, 79.6609,
65.2624

■ 19.5865, 22.6787,
57.3787

■ 80.3372, 82.9600,
65.8123

■ 82.0437, 86.3732,
66.3811

Harmonies

Analogous

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



38.3884, 44.7941, 54.4786



39.8437, 44.7941, 60.5790



42.0733, 44.7941, 63.5492

Triad

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



39.8437, 44.7941, 60.5790



47.4629, 44.7941, 50.2312



40.6850, 44.7941, 37.3880

Complementary

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



39.8437, 44.7941, 60.5790



42.2539, 40.8630, 34.0950

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.



43.0816, 44.7941, 36.4858



39.8437, 44.7941, 60.5790



47.0564, 44.7941, 43.4807

Square

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



39.8437, 44.7941, 60.5790



46.5196, 44.7941, 57.2153



45.4293, 44.7941, 38.6104



38.8608, 44.7941, 41.2052

Rectangle

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



39.8437, 44.7941, 60.5790



43.7233, 44.7941, 63.1683



45.4293, 44.7941, 38.6104



41.4478, 44.7941, 36.7501

Sweetspot

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



39.8450, 44.7959, 60.5800



86.0179, 92.4919, 107.9268



39.4445, 49.8876, 42.2799



18.0679, 19.5074, 23.0630



0.0000, 0.0000, 0.0000



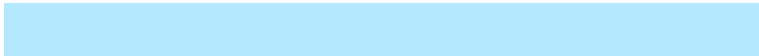
20.3446, 21.4041, 23.3091

Same Dimension

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



39.8450, 44.7959, 60.5800



65.3967, 74.4876, 105.5385



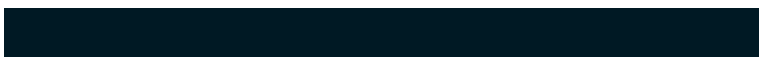
35.2460, 35.5979, 59.0470



10.6678, 11.5096, 13.5768



12.6741, 14.7421, 36.9219



0.6613, 0.8205, 1.7687

Inverse Universe

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



42.9534, 37.0987, 50.2464



71.8332, 59.1294, 84.0109



46.9977, 50.3506, 35.6762



10.9423, 10.7603, 12.6796



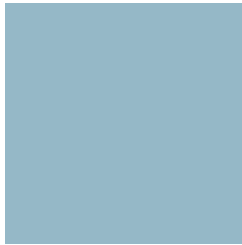
18.1966, 9.0282, 16.7771



0.8925, 0.4398, 0.9571

Previews

White Background



This preview shows how the XYZ color 39.8437, 44.7941, 60.5790 looks on a white background.

Color Contrast Check

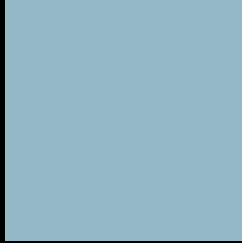
Large Text (above 18pt) WCAG AA × Fail

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 39.8437, 44.7941, 60.5790 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 39.8437, 44.7941, 60.5790

Background



This preview shows how black text looks on a background with the XYZ color 39.8437, 44.7941, 60.5790.



This preview shows how white text looks on a background with the XYZ color 39.8437, 44.7941,

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

39.8437, 44.7941, 60.5790

Protanopia

43.4770, 44.6145, 57.9497

Deuteranopia

45.4938, 44.4185, 61.4342



Tritanopia

39.8437, 44.7941, 60.5790

Trichromacy



Original Color

39.8437, 44.7941, 60.5790

Protanomaly

42.0109, 44.7350, 58.6451

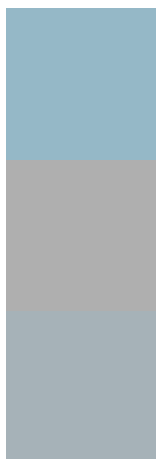
Deuteranomaly

43.1607, 44.3851, 60.9359

Tritanomaly

39.8437, 44.7941, 60.5790

Monochromacy



Original Color

39.8437, 44.7941, 60.5790

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2980, 43.4085, 51.6021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8437, 44.7941, 60.5790 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(149, 184, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 184, 199)  
}
```

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(149, 184, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 184, 199) }
```

Border

The CSS property to change the border of an element to XYZ 39.8437, 44.7941, 60.5790 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(149, 184, 199) }
```


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

```
.border{ border-color:rgb(149, 184, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 184, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 184,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8437, 44.7941, 60.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 184, 199) }
```

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

```
.background{ background-color: rgb(149,  
184, 199) }
```

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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