

Converting Colors

XYZ(39.6329, 44.3552, 57.8659)

Have a look what the booklet for
XYZ(39.6329, 44.3552, 57.8659)
contains.

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Color

**XYZ(39.7327, 44.4825,
58.1216)**

Conversions

Conversions Part 1

Format	Color
Hex	98B7C3
RGB	152, 183, 195
RGB Percent	60%, 72%, 76%
CMY	0.4039, 0.2823, 0.2353
CMYK	0.22, 0.06, 0.00, 0.24
HSL	197°, 26%, 68%
HSV	197°, 22%, 76%
XYZ	39.7327, 44.4825, 58.1216
YIQ	175.0990, -22.3280, -2.8400

Conversions

Conversions Part 2

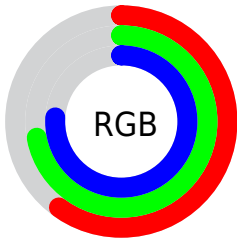
Format	Color
RYB	152, 170, 195
Decimal	10008515
CIELab	72.55, -7.82, -9.57
CIELCh	73, 12.358, 230.729
Yxy	44.4825, 0.2791, 0.3125
Android (android.graphics.Color)	4288198595 (0xFF98B7C3)
YUV	175.0990, 9.8112, -20.2578
Hunter-Lab	66.6952, -10.3778, -4.9817

Details

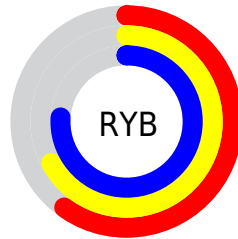
The XYZ color **39.7327, 44.4825, 58.1216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4491, 40.4201, 35.3240**, and the grayscale version is **40.7589, 42.8816, 46.6980**.

A 20% lighter version of the original color is **74.1693, 82.0267, 104.0191**, and **18.0459, 20.5977, 28.2239** is the 20% darker color. If you saturate the color by 10%, you get **35.2784, 40.5534, 57.5987**, and if you desaturate by 10%, it is **44.8330, 48.8113, 58.6891**.

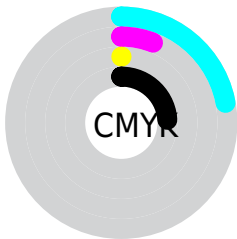
Distribution



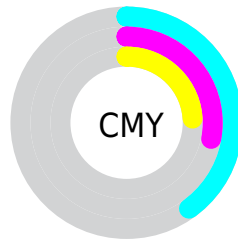
- Red (60%)
- Green (72%)
- Blue (76%)



- Red (60%)
- Yellow (67%)
- Blue (76%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (40%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7327, 44.4825, 58.1216 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 39.7327, 44.4825, 58.1216 by changing the saturation by 10% instead.

■ 39.7327, 44.4825,
58.1216

■ 39.7327, 44.4825,
58.1216

336.1494,
364.6736, 435.2498

■ 27.5135, 31.0500,
41.4911

■ 74.0432, 81.9433,
103.6164

■ 18.0978, 20.6369,
28.3804

■ 96.8653, 106.7404,
133.3178

■ 11.1203, 12.8589,
18.3711

123.9523,
136.0945, 168.2133

■ 6.2157, 7.3314,
11.0445

155.6696,
170.3900, 208.7213

■ 3.0186, 3.6702,
5.9823

192.3826,
210.0112, 255.2604

■ 1.1636, 1.4909,
2.7657

234.4567,

■ 0.0773, 0.2823,

255.3426, 308.2491

0.9763

282.2572,
306.7686, 368.1061

■ 0.0000, 0.0000,
0.0000

■ 39.7327, 44.4825,
58.1216

■ 39.7327, 44.4825,
58.1216

■ 35.2784, 40.5534,
57.5987

■ 44.8330, 48.8113,
58.6891

■ 31.4365, 37.0025,
57.1158

■ 50.6032, 53.5495,
59.2995

■ 28.1760, 33.8144,
56.6723

■ 57.0707, 58.7129,
59.9553

■ 25.4615, 30.9699,
56.2663

■ 64.2601, 64.3150,
60.6576

■ 23.2537, 28.4481,
55.8959

■ 72.1949, 70.3685,
61.4079

■ 21.5073, 26.2248,
55.5588

■ 75.5565, 74.1322,
61.9572

■ 20.1685, 24.2716,
55.2524

■ 76.9706, 76.9606,
62.4286

■ 19.3154, 22.8700,
55.0268

■ 78.4314, 79.8820,
62.9155

■ 79.9391, 82.8974,
63.4180

Harmonies

Analogous

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



38.5535, 44.4825, 52.7173



39.7327, 44.4825, 58.1216



41.6211, 44.4825, 60.9936

Triad

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



39.7327, 44.4825, 58.1216



46.4633, 44.4825, 50.3534



40.8423, 44.4825, 38.2456

Complementary

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



39.7327, 44.4825, 58.1216



41.4491, 40.4201, 35.3240

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.



42.9443, 44.4825, 37.7288



39.7327, 44.4825, 58.1216



46.2376, 44.4825, 44.3890

Square

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



39.7327, 44.4825, 58.1216



45.5389, 44.4825, 56.2666



44.9324, 44.4825, 39.8873



39.1790, 44.4825, 41.3641

Rectangle

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



39.7327, 44.4825, 58.1216



43.0484, 44.4825, 60.9330



44.9324, 44.4825, 39.8873



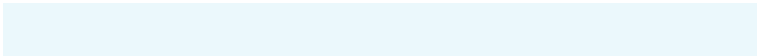
41.5193, 44.4825, 37.7728

Sweetspot

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



39.7340, 44.4843, 58.1226



85.2498, 91.5209, 105.6420



39.1176, 48.3675, 42.1450



18.5298, 19.9279, 23.1198



0.0000, 0.0000, 0.0000



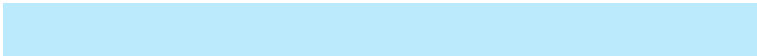
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7340, 44.4843, 58.1226



67.5515, 76.5212, 103.6795



35.7263, 36.4689, 56.7867



10.1233, 10.9379, 12.8625



12.6275, 15.0115, 35.7886



0.6012, 0.7598, 1.5649

Inverse Universe

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



42.2822, 37.4785, 49.8073



72.9096, 62.1893, 86.1055



45.5160, 48.5539, 36.6796



10.3735, 10.1980, 12.0576



17.7698, 8.7977, 17.2315



0.7958, 0.3913, 0.8923

Previews

White Background



This preview shows how the XYZ color 39.7327, 44.4825, 58.1216 looks on a white background.

Color Contrast Check

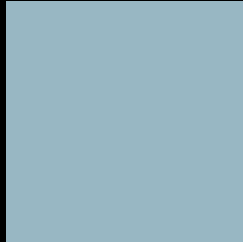
Large Text (above 18pt) WCAG AA × Fail

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 39.7327, 44.4825, 58.1216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

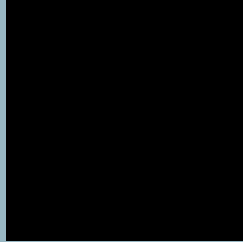
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7327, 44.4825, 58.1216

Background



This preview shows how black text looks on a background with the XYZ color 39.7327, 44.4825, 58.1216.

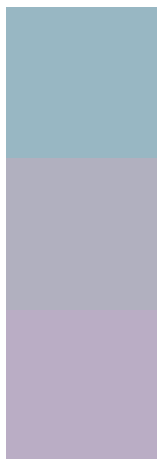


This preview shows how white text looks on a background with the XYZ color 39.7327, 44.4825,

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

39.7327, 44.4825, 58.1216

Protanopia

43.0608, 44.1594, 55.5443

Deuteranopia

45.2713, 44.3575, 58.9991



Tritanopia

39.9604, 44.5736, 59.3207

Trichromacy



Original Color

39.7327, 44.4825, 58.1216

Protanomaly

41.7830, 44.3708, 56.2314

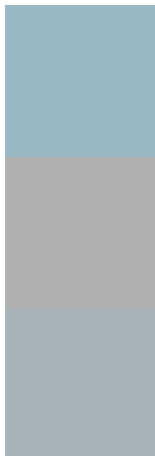
Deuteranomaly

43.1415, 44.4285, 58.5263

Tritanomaly

39.8462, 44.5279, 58.7192

Monochromacy



Original Color

39.7327, 44.4825, 58.1216

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.3002, 43.4337, 50.5155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7327, 44.4825, 58.1216 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(152, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(152, 183, 195)  
}
```

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(152, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 183, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.7327, 44.4825, 58.1216 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(152, 183, 195) }
```


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

```
.border{ border-color:rgb(152, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(152, 183,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7327, 44.4825, 58.1216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 183, 195) }
```

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

```
.background{ background-color: rgb(152,  
183, 195) }
```

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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