

Converting Colors

XYZ(28.2606, 39.3022, 38.4263)

Have a look what the booklet for
XYZ(28.2606, 39.3022, 38.4263)
contains.

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Color

**XYZ(28.2418, 39.2910,
38.4432)**

Conversions

Conversions Part 1

Format	Color
Hex	61B89E
RGB	97, 184, 158
RGB Percent	38%, 72%, 62%
CMY	0.6196, 0.2784, 0.3804
CMYK	0.47, 0.00, 0.14, 0.28
HSL	162°, 38%, 55%
HSV	162°, 47%, 72%
XYZ	28.2418, 39.2910, 38.4432
YIQ	155.0230, -43.5060, -26.5300

Conversions

Conversions Part 2

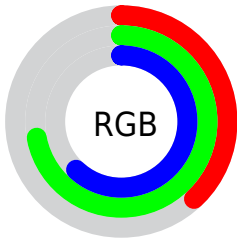
Format	Color
RYB	97, 148, 184
Decimal	6404254
CIELab	68.96, -32.57, 5.13
CIELCh	69, 32.967, 171.050
Yxy	39.2910, 0.2665, 0.3708
Android (android.graphics.Color)	4284594334 (0xFF61B89E)
YUV	155.0230, 1.4677, -50.8862
Hunter-Lab	62.6825, -29.2707, 7.5152

Details

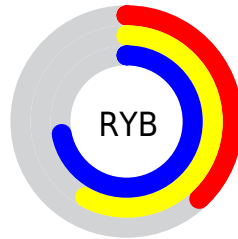
The XYZ color **28.2418, 39.2910, 38.4432** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.6183, 20.1708, 21.1780**, and the grayscale version is **31.1743, 32.7978, 35.7168**.

A 20% lighter version of the original color is **56.1192, 73.7997, 74.2378**, and **11.4732, 17.4581, 16.6750** is the 20% darker color. If you saturate the color by 10%, you get **26.0414, 38.2111, 35.9248**, and if you desaturate by 10%, it is **30.9203, 40.6169, 41.0962**.

Distribution



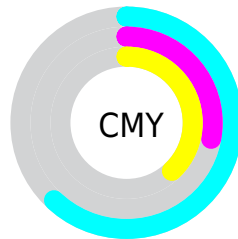
- Red (38%)
- Green (72%)
- Blue (62%)



- Red (38%)
- Yellow (58%)
- Blue (72%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)





- Cyan (62%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2418, 39.2910, 38.4432 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 28.2418, 39.2910, 38.4432 by changing the saturation by 10% instead.


 28.2418, 39.2910,
38.4432


 28.2418, 39.2910,
38.4432


285.6797,
343.1261, 354.8724


 18.6494, 26.9862,
26.0224


 56.2762, 74.0827,
73.9979


 11.5197, 17.5628,
16.6144


 75.4489, 97.3383,
97.9688

 6.4874, 10.6366,
9.8009


 98.5458, 125.0130,
126.6268

 3.1871, 5.8230,
5.1633

 125.9321,
157.4911, 160.3905

 1.2535, 2.7378,
2.2830

157.9733,
195.1571, 199.6783

 0.1480, 0.9964,
0.7217

195.0348,

 0.0000, 0.0000,

238.3953, 244.9089

0.0000

237.4818,
287.5902, 296.5008

■ 28.2418, 39.2910,
38.4432

■ 28.2418, 39.2910,
38.4432

■ 26.0414, 38.2111,
35.9248

■ 30.9203, 40.6169,
41.0962

■ 24.2836, 37.3560,
33.5355

■ 34.1028, 42.1991,
43.8840

■ 22.9332, 36.7086,
31.2730


■ 37.8170, 44.0529,
46.8100


■ 21.9480, 36.2470,
29.1338


■ 42.0877, 46.1911,
49.8768


■ 21.2670, 35.9400,
27.1135


■ 46.9381, 48.6256,
53.0868

 21.1043, 35.8676,
26.5834

 52.3901, 51.3676,
56.4423

 58.4645, 54.4278,
59.9455

 65.1808, 57.8163,
63.5987

 69.7043, 60.0716,
67.2705

Harmonies

Analogous

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



30.0377, 39.2910, 27.0712



28.2418, 39.2910, 38.4432



28.7010, 39.2910, 54.0174

Triad

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



28.2418, 39.2910, 38.4432



41.0859, 39.2910, 75.7964



44.0507, 39.2910, 24.0202

Complementary

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



28.2418, 39.2910, 38.4432



27.6183, 20.1708, 21.1780

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.



47.5704, 39.2910, 33.2224



28.2418, 39.2910, 38.4432



45.7504, 39.2910, 63.6292

Square

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



28.2418, 39.2910, 38.4432



35.7978, 39.2910, 78.1273



48.2199, 39.2910, 47.4339



38.9360, 39.2910, 20.1217

Rectangle

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



28.2418, 39.2910, 38.4432



30.2437, 39.2910, 64.6919



48.2199, 39.2910, 47.4339



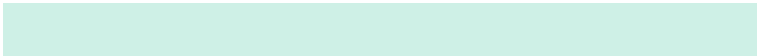
45.4789, 39.2910, 26.4777

Sweetspot

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



28.2429, 39.2926, 38.4441



70.8016, 80.9805, 86.5197



27.4821, 39.3640, 17.4594



14.9198, 17.2859, 18.3984



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.2429, 39.2926, 38.4441



46.9667, 69.1487, 64.8229



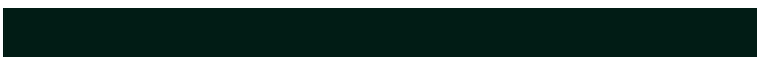
27.3282, 33.4946, 50.3740



9.1492, 10.1637, 10.9432



14.5767, 24.7316, 18.4906



0.5398, 0.8822, 0.7882

Inverse Universe

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



27.6183, 20.1708, 21.1780



45.7175, 30.1981, 29.7668



27.9886, 23.1795, 14.3088



9.1121, 9.0552, 9.9378



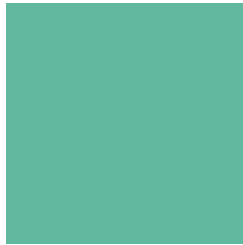
14.1262, 7.2242, 3.2855



0.5262, 0.2660, 0.2643

Previews

White Background



This preview shows how the XYZ color 28.2418, 39.2910, 38.4432 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 28.2418, 39.2910, 38.4432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

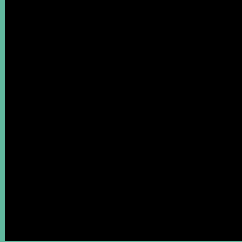
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.2418, 39.2910, 38.4432

Background



This preview shows how black text looks on a background with the XYZ color 28.2418, 39.2910, 38.4432.

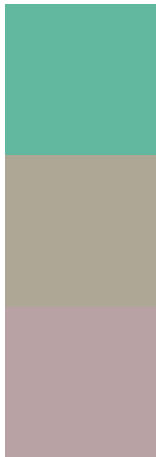


This preview shows how white text looks on a background with the XYZ color 28.2418, 39.2910,

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

28.2418, 39.2910, 38.4432

Protanopia

36.9227, 38.9213, 34.0003

Deuteranopia

39.5388, 38.7993, 40.0554



Tritanopia

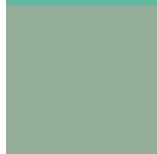
31.8091, 39.2163, 56.3451

Trichromacy



Original Color

28.2418, 39.2910, 38.4432



Protanomaly

32.6437, 38.3572, 35.3889



Deuteranomaly

33.9446, 38.0950, 39.2822



Tritanomaly

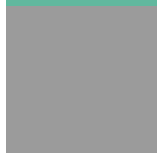
30.3556, 39.2266, 49.1516

Monochromacy



Original Color

28.2418, 39.2910, 38.4432



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

29.4685, 34.7411, 36.6050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2418, 39.2910, 38.4432 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(97, 184, 158)` looks like.

```
.text, #text, p{  
    color:rgb(97, 184, 158)  
}
```

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(97, 184, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 184, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.2418, 39.2910, 38.4432 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(97, 184, 158) }
```


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

```
.border{ border-color:rgb(97, 184, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 184, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 184, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 184, 158);  
box-shadow:4px 4px 4px 4px rgb(97, 184,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2418, 39.2910, 38.4432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 184, 158) }
```

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

```
.background{ background-color: rgb(97, 184,  
158) }
```

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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