

Converting Colors

XYZ(24.6112, 28.5816, 39.3416)

Have a look what the booklet for
XYZ(24.6112, 28.5816, 39.3416)
contains.

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Color

**XYZ(24.6112, 28.5816,
39.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	7098A4
RGB	112, 152, 164
RGB Percent	44%, 60%, 64%
CMY	0.5608, 0.4039, 0.3569
CMYK	0.32, 0.07, 0.00, 0.36
HSL	194°, 22%, 54%
HSV	194°, 32%, 64%
XYZ	24.6112, 28.5816, 39.3416
YIQ	141.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

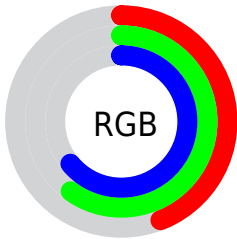
Format	Color
R_{YB}	112, 135, 164
Decimal	7379108
CIE _{Lab}	60.41, -10.67, -10.71
CIE _{LCh}	60, 15.113, 225.110
Yxy	28.5816, 0.2660, 0.3089
Android (android.graphics.Color)	4285569188 (0xFF7098A4)
YUV	141.4080, 11.1379, -25.7908
Hunter-Lab	53.4618, -11.3853, -6.2073

Details

The XYZ color **24.6112, 28.5816, 39.3416** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4425, 23.4779, 18.5207**, and the grayscale version is **25.4437, 26.7688, 29.1512**.

A 20% lighter version of the original color is **50.3745, 57.2564, 75.4144**, and **9.5649, 11.5013, 17.0451** is the 20% darker color. If you saturate the color by 10%, you get **22.1073, 26.3942, 39.0518**, and if you desaturate by 10%, it is **27.5165, 31.0064, 39.6570**.

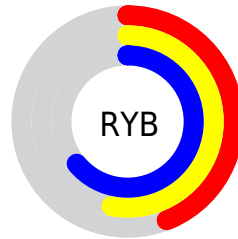
Distribution



Red (44%)

Green (60%)

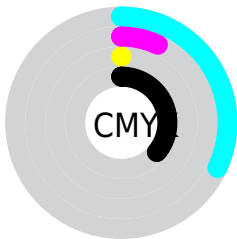
Blue (64%)



Red (44%)

Yellow (53%)

Blue (64%)

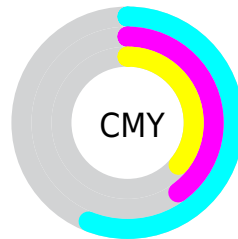


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (36%)



Cyan (56%)

Magenta (40%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6112, 28.5816, 39.3416 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 24.6112, 28.5816, 39.3416 by changing the saturation by 10% instead.

■ 24.6112, 28.5816,
39.3416

■ 24.6112, 28.5816,
39.3416

268.2796,
295.2357, 358.8099

■ 15.9148, 18.7645,
26.7157

■ 50.4732, 57.4117,
75.3860

■ 9.5544, 11.5003,
17.1293

■ 68.3696, 77.1935,
99.6415

■ 5.1645, 6.4044,
10.1638

■ 90.0633, 101.0656,
128.6107

■ 2.3798, 3.0925,
5.4007

■ 115.9197,
129.4125, 162.7120

■ 0.8351, 1.1802,
2.4214

146.3042,
162.6186, 202.3641

■ 0.0000, 0.0455,
0.7981

181.5821,

■ 0.0000, 0.0000,

201.0682, 247.9854

0.0000

222.1188,
245.1458, 299.9945

■ 24.6112, 28.5816,
39.3416

■ 24.6112, 28.5816,
39.3416

■ 22.1073, 26.3942,
39.0518

■ 27.5165, 31.0064,
39.6570

■ 19.9815, 24.4298,
38.7847

■ 30.8398, 33.6754,
39.9970

■ 18.2117, 22.6775,
38.5398

■ 34.6001, 36.5993,
40.3632

■ 16.7726, 21.1240,
38.3158

■ 38.8143, 39.7870,
40.7564

■ 15.6352, 19.7541,
38.1113

■ 43.4983, 43.2470,
41.1773

■ 14.7655, 18.5498,
37.9247

■ 48.6673, 46.9875,
41.6269

■ 14.1823, 17.6430,
37.7804

■ 54.3358, 51.0161,
42.1057

■ 60.5178, 55.3402,
42.6145

■ 65.5125, 59.0835,
43.0738

Harmonies

Analogous

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



23.7131, 28.5816, 33.9966



24.6112, 28.5816, 39.3416



26.2162, 28.5816, 42.6610

Triad

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



24.6112, 28.5816, 39.3416



30.9427, 28.5816, 33.9547



26.2028, 28.5816, 21.8834

Complementary

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



24.6112, 28.5816, 39.3416



25.4425, 23.4779, 18.5207

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.



28.1383, 28.5816, 21.8751



24.6112, 28.5816, 39.3416



30.9387, 28.5816, 28.4114

Square

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



24.6112, 28.5816, 39.3416



29.9024, 28.5816, 39.3078



29.8917, 28.5816, 24.1328



24.6017, 28.5816, 24.1572

Rectangle

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



24.6112, 28.5816, 39.3416



27.5004, 28.5816, 43.0535



29.8917, 28.5816, 24.1328



26.8343, 28.5816, 21.6253

Sweetspot

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



24.6121, 28.5827, 39.3423



56.9632, 61.9013, 72.6982



23.5501, 31.4330, 23.6532



12.2645, 13.3842, 15.8745



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.6121, 28.5827, 39.3423



41.4142, 49.0541, 71.0380



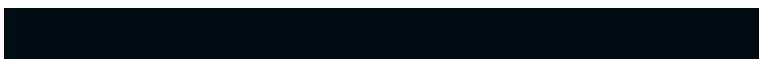
20.9386, 21.2358, 38.1178



7.1369, 7.7328, 9.0195



10.9114, 13.6021, 28.9802



0.2614, 0.3501, 0.6196

Inverse Universe

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



26.7722, 21.7486, 32.4939



46.0485, 35.0068, 56.2084



29.0247, 30.6423, 19.7147



7.2941, 7.1741, 8.5350



14.6530, 7.2173, 15.8953



0.3241, 0.1581, 0.4194

Previews

White Background



This preview shows how the XYZ color 24.6112, 28.5816, 39.3416 looks on a white background.

Color Contrast Check

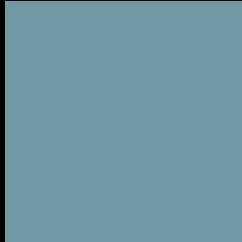
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6112, 28.5816, 39.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

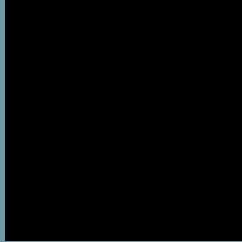
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6112, 28.5816, 39.3416

Background



This preview shows how black text looks on a background with the XYZ color 24.6112, 28.5816, 39.3416.



This preview shows how white text looks on a background with the XYZ color 24.6112, 28.5816,

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

24.6112, 28.5816, 39.3416

Protanopia

27.7329, 28.3790, 36.8169

Deuteranopia

28.9504, 28.4887, 40.0494



Tritanopia

24.6112, 28.5816, 39.3416

Trichromacy



Original Color

24.6112, 28.5816, 39.3416

Protanomaly

26.3825, 28.3462, 37.7991

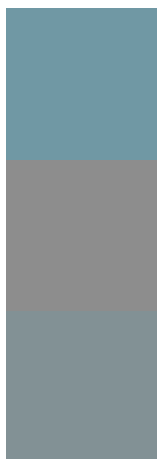
Deuteranomaly

27.2238, 28.5086, 39.6652

Tritanomaly

24.6112, 28.5816, 39.3416

Monochromacy



Original Color

24.6112, 28.5816, 39.3416

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7561, 27.1666, 32.3727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6112, 28.5816, 39.3416 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(112, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 164)  
}
```

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(112, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.6112, 28.5816, 39.3416 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(112, 152, 164) }
```


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

```
.border{ border-color:rgb(112, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(112, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6112, 28.5816, 39.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 164) }
```

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

```
.background{ background-color: rgb(112,  
152, 164) }
```

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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