

Converting Colors

XYZ(24.7068, 29.6171, 39.0744)

Have a look what the booklet for
XYZ(24.7068, 29.6171, 39.0744)
contains.

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Color

**XYZ(24.6837, 29.6094,
39.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	6C9CA3
RGB	108, 156, 163
RGB Percent	42%, 61%, 64%
CMY	0.5765, 0.3882, 0.3608
CMYK	0.34, 0.04, 0.00, 0.36
HSL	188°, 23%, 53%
HSV	188°, 34%, 64%
XYZ	24.6837, 29.6094, 39.0646
YIQ	142.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

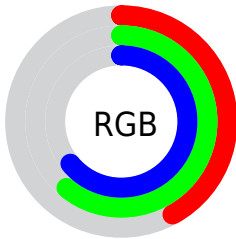
Format	Color
RYB	108, 134, 163
Decimal	7117987
CIELab	61.32, -14.26, -8.81
CIElCh	61, 16.758, 211.721
Yxy	29.6094, 0.2644, 0.3172
Android (android.graphics.Color)	4285308067 (0xFF6C9CA3)
YUV	142.4460, 10.1331, -30.2091
Hunter-Lab	54.4145, -14.2536, -4.4746

Details

The XYZ color **24.6837, 29.6094, 39.0646** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9423, 21.1312, 17.0050**, and the grayscale version is **25.8584, 27.2051, 29.6263**.

A 20% lighter version of the original color is **50.6471, 59.2276, 75.0923**, and **9.6082, 12.1207, 16.8721** is the 20% darker color. If you saturate the color by 10%, you get **22.5388, 27.9921, 38.8660**, and if you desaturate by 10%, it is **27.2070, 31.4321, 39.2839**.

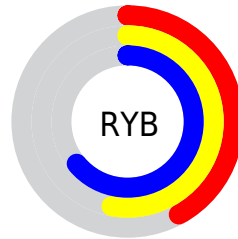
Distribution



Red (42%)

Green (61%)

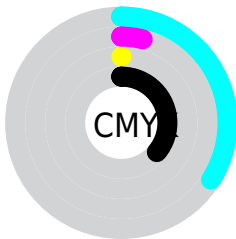
Blue (64%)



Red (42%)

Yellow (53%)

Blue (64%)

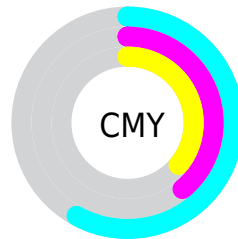


Cyan (34%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6837, 29.6094, 39.0646 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 24.6837, 29.6094, 39.0646 by changing the saturation by 10% instead.

■ 24.6837, 29.6094,
39.0646

■ 24.6837, 29.6094,
39.0646

268.6359,
300.0795, 357.5992

■ 15.9690, 19.5423,
26.5018

■ 50.5902, 59.0439,
74.9584

■ 9.5929, 12.0628,
16.9703

■ 68.5128, 79.1801,
99.1265

■ 5.1901, 6.7865,
10.0516

■ 90.2354, 103.4415,
128.0001

■ 2.3951, 3.3289,
5.3271

■ 116.1233,
132.2124, 161.9977

■ 0.8427, 1.3058,
2.3784

146.5420,
165.8773, 201.5378

■ 0.0000, 0.1457,
0.7746

181.8567,

■ 0.0000, 0.0000,

204.8205, 247.0391

0.0000

222.4329,
249.4264, 298.9201

■ 24.6837, 29.6094,
39.0646

■ 24.6837, 29.6094,
39.0646

■ 22.5388, 27.9921,
38.8660

■ 27.2070, 31.4321,
39.2839

■ 20.7488, 26.5658,
38.6850

■ 30.1251, 33.4664,
39.5228

■ 19.2920, 25.3200,
38.5213

■ 33.4568, 35.7228,
39.7827

■ 18.1428, 24.2415,
38.3737

■ 37.2186, 38.2100,
40.0645

■ 17.2722, 23.3152,
38.2408

■ 41.4266, 40.9361,
40.3689

■ 16.6451, 22.5231,
38.1210

■ 46.0955, 43.9090,
40.6967

■ 16.3226, 22.0678,
38.0501

■ 51.2397, 47.1359,
41.0484

■ 56.8728, 50.6239,
41.4248

■ 63.0080, 54.3800,
41.8264

Harmonies

Analogous

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



24.1089, 29.6094, 32.6062



24.6837, 29.6094, 39.0646



26.1789, 29.6094, 44.1769

Triad

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



24.6837, 29.6094, 39.0646



32.0498, 29.6094, 38.3501



28.0155, 29.6094, 21.5492

Complementary

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



24.6837, 29.6094, 39.0646



23.9423, 21.1312, 17.0050

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.



30.2026, 29.6094, 22.6734



24.6837, 29.6094, 39.0646



32.6035, 29.6094, 31.8758

Square

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



24.6837, 29.6094, 39.0646



30.4347, 29.6094, 43.7279



31.9109, 29.6094, 26.2598



25.9691, 29.6094, 22.9634

Rectangle

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



24.6837, 29.6094, 39.0646



27.5359, 29.6094, 45.8311



31.9109, 29.6094, 26.2598



28.7586, 29.6094, 21.6420

Sweetspot

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



24.6846, 29.6106, 39.0653



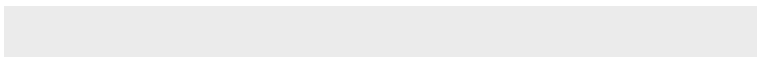
55.9860, 61.3253, 70.9423



22.3433, 30.6076, 20.7753



12.3997, 13.6545, 15.9196



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.



24.6846, 29.6106, 39.0653



41.4485, 50.9631, 69.7084



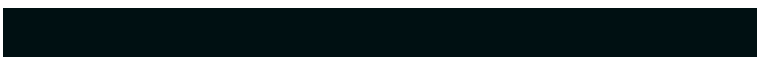
20.6572, 21.5558, 37.7228



7.1989, 7.8568, 9.0402



12.7085, 17.1964, 29.5792



0.2871, 0.4014, 0.6282

Inverse Universe

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



26.4683, 20.9128, 34.0953



45.1668, 33.3325, 59.2359



27.4723, 28.1912, 18.1816



7.3254, 7.1866, 8.6997



15.5601, 7.5801, 20.6720



0.3371, 0.1633, 0.4876

Previews

White Background



This preview shows how the XYZ color 24.6837, 29.6094, 39.0646 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 24.6837, 29.6094, 39.0646 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

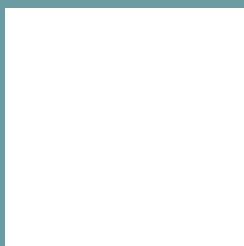
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6837, 29.6094, 39.0646

Background



This preview shows how black text looks on a background with the XYZ color 24.6837, 29.6094, 39.0646.



This preview shows how white text looks on a background with the XYZ color 24.6837, 29.6094,

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

24.6837, 29.6094, 39.0646

Protanopia

28.5521, 29.5048, 36.0884

Deuteranopia

29.9931, 29.4720, 40.1843



Tritanopia

25.0959, 29.5211, 41.4212

Trichromacy



Original Color

24.6837, 29.6094, 39.0646

Protanomaly

26.8372, 29.3024, 37.0424

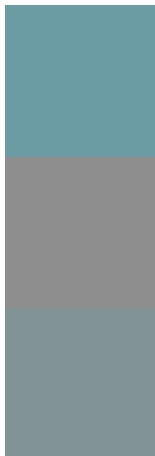
Deuteranomaly

27.6980, 29.2148, 39.7765

Tritanomaly

24.9110, 29.4471, 40.4473

Monochromacy



Original Color

24.6837, 29.6094, 39.0646

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1447, 27.8153, 32.8978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6837, 29.6094, 39.0646 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(108, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(108, 156, 163)  
}
```

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(108, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 156, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.6837, 29.6094, 39.0646 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(108, 156, 163) }
```


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

```
.border{ border-color:rgb(108, 156, 163) }
```

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

Here you see how a box with a 4 pixel rgb(108, 156, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(108, 156,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6837, 29.6094, 39.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 156, 163) }
```

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

```
.background{ background-color: rgb(108,  
156, 163) }
```

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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