

Converting Colors

XYZ(23.8389, 27.0316, 35.4727)

Have a look what the booklet for
XYZ(23.8389, 27.0316, 35.4727)
contains.

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Color

**XYZ(23.9057, 27.1193,
35.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	76939C
RGB	118, 147, 156
RGB Percent	46%, 58%, 61%
CMY	0.5372, 0.4235, 0.3882
CMYK	0.24, 0.06, 0.00, 0.39
HSL	194°, 16%, 54%
HSV	194°, 24%, 61%
XYZ	23.9057, 27.1193, 35.4271
YIQ	139.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

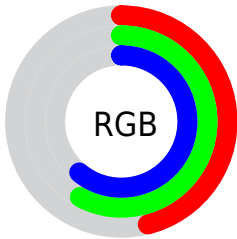
Format	Color
RYB	118, 134, 156
Decimal	7771036
CIELab	59.08, -8.03, -8.10
CIELCh	59, 11.404, 225.274
Yxy	27.1193, 0.2765, 0.3137
Android (android.graphics.Color)	4285961116 (0xFF76939C)
YUV	139.3550, 8.2060, -18.7283
Hunter-Lab	52.0762, -9.1925, -3.8813

Details

The XYZ color **23.9057, 27.1193, 35.4271** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5700, 23.5548, 20.3917**, and the grayscale version is **24.6530, 25.9369, 28.2453**.

A 20% lighter version of the original color is **49.3141, 55.0844, 69.0060**, and **9.1166, 10.6146, 14.9329** is the 20% darker color. If you saturate the color by 10%, you get **21.3949, 24.9865, 35.1482**, and if you desaturate by 10%, it is **26.7870, 29.4719, 35.7298**.

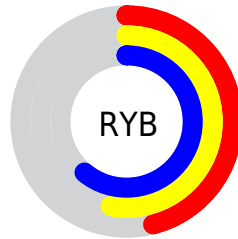
Distribution



Red (46%)

Green (58%)

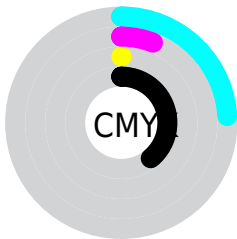
Blue (61%)



Red (46%)

Yellow (53%)

Blue (61%)

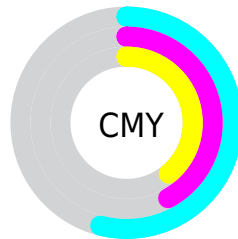


Cyan (24%)

Magenta (6%)

Yellow (0%)

Black (39%)



Cyan (54%)

Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9057, 27.1193, 35.4271 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 23.9057, 27.1193, 35.4271 by changing the saturation by 10% instead.

■ 23.9057, 27.1193,
35.4271

■ 23.9057, 27.1193,
35.4271

264.7927,
288.2343, 341.4109

■ 15.3880, 17.6628,
23.7059

■ 49.3321, 55.0752,
69.3059

■ 9.1803, 10.7082,
14.9054

■ 66.9715, 74.3435,
92.3007

■ 4.9170, 5.8710,
8.6071

■ 88.3822, 97.6512,
119.8903

■ 2.2329, 2.7668,
4.3925

113.9296,
125.3827, 152.4933

■ 0.7600, 1.0112,
1.8431

143.9790,
157.9223, 190.5284

■ 0.0000, 0.0000,
0.4561

178.8957,

■ 0.0000, 0.0000,

195.6545, 234.4140

0.0000

219.0452,
238.9637, 284.5686

■ 23.9057, 27.1193,
35.4271

■ 23.9057, 27.1193,
35.4271

■ 21.3949, 24.9865,
35.1482

■ 26.7870, 29.4719,
35.7298

■ 19.2347, 23.0609,
34.8904

■ 30.0525, 32.0495,
36.0552

■ 17.4072, 21.3336,
34.6533

■ 33.7182, 34.8613,
36.4047

■ 15.8916, 19.7938,
34.4360

■ 37.7985, 37.9149,
36.7791

■ 14.6648, 18.4292,
34.2372

■ 42.3071, 41.2178,
37.1790

■ 13.7004, 17.2259,
34.0558

■ 47.2569, 44.7766,
37.6050

■ 12.9660, 16.1671,
33.8901

■ 52.6604, 48.5982,
38.0579

■ 12.6049, 15.6084,
33.8013

■ 58.5294, 52.6889,
38.5381

■ 63.6125, 56.4037,
38.9872

Harmonies

Analogous

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



23.2358, 27.1193, 31.6322



23.9057, 27.1193, 35.4271



25.0896, 27.1193, 37.7372

Triad

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



23.9057, 27.1193, 35.4271



28.5023, 27.1193, 31.5567



25.0649, 27.1193, 22.6218

Complementary

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



23.9057, 27.1193, 35.4271



24.5700, 23.5548, 20.3917

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.



26.4749, 27.1193, 22.6056



23.9057, 27.1193, 35.4271



28.4951, 27.1193, 27.5198

Square

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



23.9057, 27.1193, 35.4271



27.7609, 27.1193, 35.3675



27.7416, 27.1193, 24.3236



23.8882, 27.1193, 24.3700

Rectangle

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



23.9057, 27.1193, 35.4271



26.0274, 27.1193, 38.0007



27.7416, 27.1193, 24.3236



25.5264, 27.1193, 22.4192

Sweetspot

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



23.9065, 27.1204, 35.4277



52.8622, 56.8664, 65.3169



23.1823, 29.1579, 24.4399



11.5616, 12.4579, 14.3656



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9065, 27.1204, 35.4277



40.9595, 47.1879, 64.0761



21.2091, 21.7256, 34.5286



6.6886, 7.2430, 8.4522



10.4099, 12.9113, 27.8507



0.2160, 0.2905, 0.5079

Inverse Universe

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



25.4559, 22.1320, 30.5352



44.2961, 36.7566, 53.4702



27.2392, 28.8932, 21.2814



6.8369, 6.7277, 7.9924



14.0526, 6.9256, 15.0600



0.2663, 0.1299, 0.3486

Previews

White Background



This preview shows how the XYZ color 23.9057, 27.1193, 35.4271 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 23.9057, 27.1193, 35.4271 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

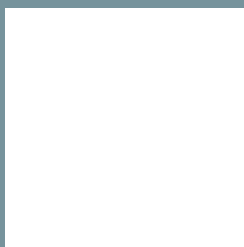
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.9057, 27.1193, 35.4271

Background



This preview shows how black text looks on a background with the XYZ color 23.9057, 27.1193, 35.4271.



This preview shows how white text looks on a background with the XYZ color 23.9057, 27.1193,

35.4271.

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

23.9057, 27.1193, 35.4271

Protanopia

26.1769, 26.9795, 33.5337

Deuteranopia

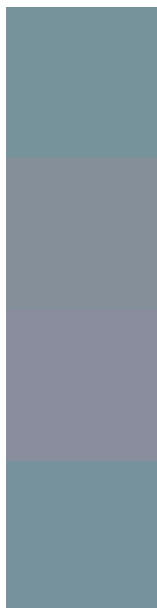
27.4728, 26.9415, 36.1000



Tritanopia

24.0765, 27.1876, 36.3265

Trichromacy



Original Color

23.9057, 27.1193, 35.4271

Protanomaly

25.2451, 26.9314, 34.0047

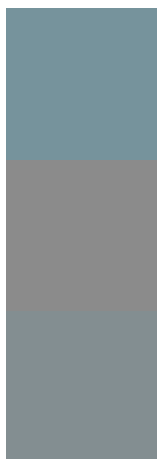
Deuteranomaly

25.9272, 26.8024, 35.7052

Tritanomaly

23.9907, 27.1533, 35.8750

Monochromacy



Original Color

23.9057, 27.1193, 35.4271

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.1439, 26.2156, 30.5757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9057, 27.1193, 35.4271 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(118, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(118, 147, 156)  
}
```

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(118, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 23.9057, 27.1193, 35.4271 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(118, 147, 156) }
```


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

```
.border{ border-color:rgb(118, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(118, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9057, 27.1193, 35.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 147, 156) }
```

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

```
.background{ background-color: rgb(118,  
147, 156) }
```

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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