

Converting Colors

XYZ(29.0696, 31.6119, 39.6915)

Have a look what the booklet for
XYZ(29.0696, 31.6119, 39.6915)
contains.

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Color

**XYZ(29.0696, 31.6120,
39.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9BA4
RGB	139, 155, 164
RGB Percent	55%, 61%, 64%
CMY	0.4549, 0.3921, 0.3569
CMYK	0.15, 0.05, 0.00, 0.36
HSL	202°, 12%, 59%
HSV	202°, 15%, 64%
XYZ	29.0696, 31.6120, 39.6915
YIQ	151.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

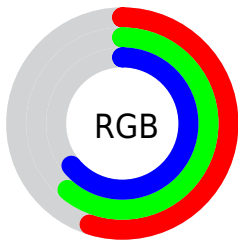
Format	Color
R _Y B	139, 149, 164
Decimal	9149348
CIE Lab	63.02, -3.73, -6.63
CIE LCh	63, 7.606, 240.621
Yxy	31.6120, 0.2896, 0.3149
Android (android.graphics.Color)	4287339428 (0xFF8B9BA4)
YUV	151.2420, 6.2897, -10.7362
Hunter-Lab	56.2245, -6.1037, -2.4984

Details

The XYZ color **29.0696, 31.6120, 39.6915** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5600, 30.9361, 28.7872**, and the grayscale version is **29.4975, 31.0336, 33.7956**.

A 20% lighter version of the original color is **57.5790, 62.0529, 75.9605**, and **11.9948, 13.1943, 17.2438** is the 20% darker color. If you saturate the color by 10%, you get **25.5758, 28.3889, 39.2540**, and if you desaturate by 10%, it is **33.0241, 35.1456, 40.1656**.

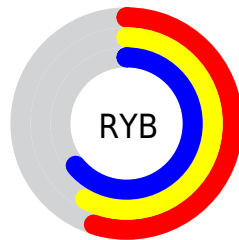
Distribution



Red (55%)

Green (61%)

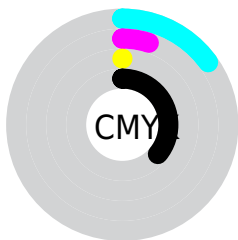
Blue (64%)



Red (55%)

Yellow (58%)

Blue (64%)

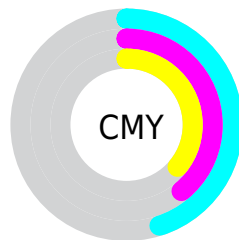


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0696, 31.6120, 39.6915 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 29.0696, 31.6120, 39.6915 by changing the saturation by 10% instead.

■ 29.0696, 31.6120,
39.6915

■ 29.0696, 31.6120,
39.6915

289.5315,
309.3480, 360.3349

■ 19.2780, 21.0653,
26.9861

■ 57.5844, 62.2023,
75.9255

■ 11.9765, 13.1718,
17.3305

■ 77.0384, 83.0148,
100.2911

■ 6.7998, 7.5469,
10.3059

■ 100.4439,
108.0179, 129.3806

■ 3.3824, 3.8064,
5.4940

128.1663,
137.5961, 163.6126

■ 1.3591, 1.5659,
2.4762

160.5708,
172.1339, 203.4054

■ 0.2268, 0.3344,
0.8275

198.0230,

■ 0.0000, 0.0000,

212.0155, 249.1777

0.0000

240.8881,
257.6254, 301.3480

■ 29.0696, 31.6120,
39.6915

■ 29.0696, 31.6120,
39.6915

■ 25.5758, 28.3889,
39.2540

■ 33.0241, 35.1456,
40.1656

■ 22.5210, 25.4615,
38.8500

■ 37.4543, 38.9958,
40.6753

■ 19.8859, 22.8197,
38.4790

■ 42.3778, 43.1737,
41.2222

■ 17.6484, 20.4512,
38.1397

■ 47.8107, 47.6883,
41.8073

■ 15.7843, 18.3422,
37.8309

■ 53.7680, 52.5484,
42.4314

■ 14.2667, 16.4779,
37.5510

■ 60.2644, 57.7624,
43.0954

■ 13.0644, 14.8411,
37.2985

■ 67.3138, 63.3384,
43.8001

■ 12.1384, 13.4104,
37.0711

■ 69.1138, 66.2861,
44.2742

■ 11.7501, 12.7788,
36.9697

■ 70.5274, 69.1132,
44.7454

Harmonies

Analogous

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



28.3472, 31.6120, 37.4405



29.0696, 31.6120, 39.6915



30.0681, 31.6120, 40.5119

Triad

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



29.0696, 31.6120, 39.6915



32.1042, 31.6120, 34.3577



29.0327, 31.6120, 29.6940

Complementary

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



29.0696, 31.6120, 39.6915



30.5600, 30.9361, 28.7872

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.



30.0244, 31.6120, 28.9718



29.0696, 31.6120, 39.6915



31.8119, 31.6120, 31.5666

Square

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



29.0696, 31.6120, 39.6915



31.8345, 31.6120, 37.3262



31.0445, 31.6120, 29.6374



28.3262, 31.6120, 31.6689

Rectangle

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



29.0696, 31.6120, 39.6915



30.7607, 31.6120, 40.1020



31.0445, 31.6120, 29.6374



29.3429, 31.6120, 29.3020

Sweetspot

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



29.0705, 31.6133, 39.6922



60.0574, 63.8946, 72.9199



29.2489, 34.1706, 32.9678



13.0194, 13.8714, 15.9288



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.



29.0705, 31.6133, 39.6922



50.7166, 55.5126, 71.7943



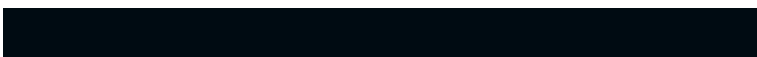
27.1338, 27.7398, 39.0466



7.0607, 7.5803, 8.9941



9.0556, 9.8906, 28.3616



0.2326, 0.2924, 0.6100

Inverse Universe

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



30.4595, 28.7249, 34.9510



53.7088, 49.4228, 61.5509



32.5847, 34.9855, 29.4621



7.2556, 7.1587, 8.3324



13.7163, 6.8426, 10.9626



0.3096, 0.1523, 0.3428

Previews

White Background



This preview shows how the XYZ color 29.0696, 31.6120, 39.6915 looks on a white background.

Color Contrast Check

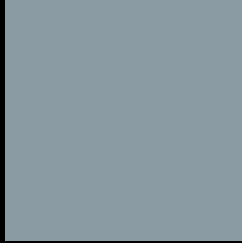
Large Text (above 18pt) WCAG AA × Fail

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 29.0696, 31.6120, 39.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

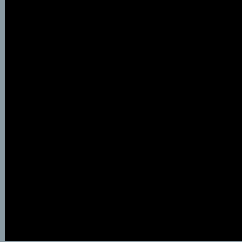
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0696, 31.6120, 39.6915

Background



This preview shows how black text looks on a background with the XYZ color 29.0696, 31.6120, 39.6915.



This preview shows how white text looks on a background with the XYZ color 29.0696, 31.6120,

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

29.0696, 31.6120, 39.6915

Protanopia

30.5371, 31.4173, 38.6371

Deuteranopia

32.0794, 31.4735, 39.9815



Tritanopia

29.5116, 31.8082, 41.1434

Trichromacy



Original Color

29.0696, 31.6120, 39.6915

Protanomaly

29.8717, 31.3039, 39.1182

Deuteranomaly

30.9950, 31.6221, 40.0674

Tritanomaly

29.4195, 31.7713, 40.6583

Monochromacy



Original Color

29.0696, 31.6120, 39.6915

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.2616, 31.0598, 35.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0696, 31.6120, 39.6915 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(139, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 155, 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(139, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 155, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.0696, 31.6120, 39.6915 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(139, 155, 164) }
```


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

```
.border{ border-color:rgb(139, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(139, 155,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0696, 31.6120, 39.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 155, 164) }
```

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

```
.background{ background-color: rgb(139,  
155, 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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