

Converting Colors

XYZ(29.6365, 31.1011, 36.2223)

Have a look what the booklet for
XYZ(29.6365, 31.1011, 36.2223)
contains.

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Color

**XYZ(29.5468, 30.9571,
36.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	95979D
RGB	149, 151, 157
RGB Percent	58%, 59%, 62%
CMY	0.4157, 0.4078, 0.3843
CMYK	0.05, 0.04, 0.00, 0.38
HSL	225°, 4%, 60%
HSV	225°, 5%, 62%
XYZ	29.5468, 30.9571, 36.3163
YIQ	151.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

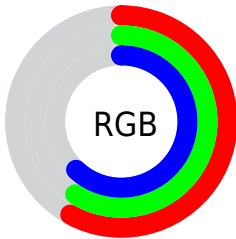
Format	Color
RYB	149, 151, 157
Decimal	9803677
CIELab	62.47, 0.47, -3.40
CIElCh	62, 3.437, 277.871
Yxy	30.9571, 0.3052, 0.3197
Android (android.graphics.Color)	4287993757 (0xFF95979D)
YUV	151.0860, 2.9156, -1.8294
Hunter-Lab	55.6391, -2.5771, 0.2481

Details

The XYZ color **29.5468, 30.9571, 36.3163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0508, 32.7803, 33.1248**, and the grayscale version is **29.4418, 30.9751, 33.7318**.

A 20% lighter version of the original color is **58.3436, 61.1126, 71.0082**, and **12.1957, 12.7516, 15.4542** is the 20% darker color. If you saturate the color by 10%, you get **25.0729, 25.9785, 35.5916**, and if you desaturate by 10%, it is **34.5978, 36.5157, 37.1235**.

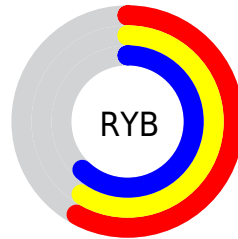
Distribution



Red (58%)

Green (59%)

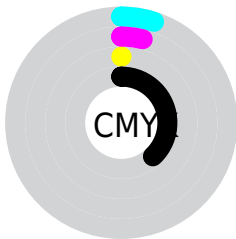
Blue (62%)



Red (58%)

Yellow (59%)

Blue (62%)

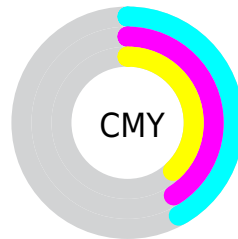


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (42%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5468, 30.9571, 36.3163 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 29.5468, 30.9571, 36.3163 by changing the saturation by 10% instead.

■ 29.5468, 30.9571,
36.3163

■ 29.5468, 30.9571,
36.3163

291.7341,
306.3406, 345.4201

■ 19.6412, 20.5662,
24.3870

■ 58.3363, 61.1725,
70.6945

■ 12.2413, 12.8073,
15.4061

■ 77.9509, 81.7658,
93.9805

■ 6.9816, 7.2960,
8.9551

101.5326,
106.5287, 121.8890

■ 3.4968, 3.6479,
4.6155

129.4466,
135.8456, 154.8388

■ 1.4216, 1.4786,
1.9687

162.0585,
170.1008, 193.2482

■ 0.2715, 0.2736,
0.5359

199.7334,

■ 0.0000, 0.0000,

209.6788, 237.5359

0.0000

242.8369,
254.9639, 288.1203

■ 29.5468, 30.9571,
36.3163

■ 29.5468, 30.9571,
36.3163

■ 25.0729, 25.9785,
35.5916

■ 34.5978, 36.5157,
37.1235

■ 21.1525, 21.5570,
34.9448

■ 40.2430, 42.6683,
38.0135

■ 17.7644, 17.6738,
34.3738

■ 46.5021, 49.4334,
38.9894

■ 14.8849, 14.3078,
33.8759

■ 53.3930, 56.8278,
40.0535

■ 12.4885, 11.4364,
33.4480

■ 60.9330, 64.8671,
41.2078

■ 10.5475, 9.0349,
33.0867

■ 69.1386, 73.5668,
42.4546

■ 9.0310, 7.0768,
32.7887

■ 76.5758, 82.1941,
43.7278

■ 7.9040, 5.5323,
32.5500

■ 80.0271, 89.0968,
44.8783

■ 7.1236, 4.3667,
32.3661

■ 83.0859, 95.2144,
45.8979

Harmonies

Analogous

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



29.0872, 30.9571, 36.1431



29.5468, 30.9571, 36.3163



29.9779, 30.9571, 35.7758

Triad

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



29.5468, 30.9571, 36.3163



30.1376, 30.9571, 32.1545



28.6007, 30.9571, 32.7486

Complementary

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



29.5468, 30.9571, 36.3163



31.0508, 32.7803, 33.1248

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.



28.8766, 30.9571, 31.7195



29.5468, 30.9571, 36.3163



29.7630, 30.9571, 31.3829

Square

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



29.5468, 30.9571, 36.3163



30.3213, 30.9571, 33.3565



29.3011, 30.9571, 31.2258



28.5442, 30.9571, 34.0600

Rectangle

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



29.5468, 30.9571, 36.3163



30.1900, 30.9571, 35.0918



29.3011, 30.9571, 31.2258



28.6707, 30.9571, 32.3592

Sweetspot

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



29.5477, 30.9584, 36.3170



55.5701, 58.3740, 65.4652



30.3570, 32.8660, 35.6959



12.2518, 12.8713, 14.4090



74.8435, 78.7412, 85.7492



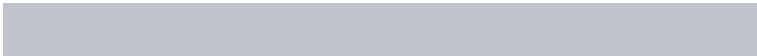
12.6291, 13.2868, 14.4694

Same Dimension

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



29.5477, 30.9584, 36.3170



52.0523, 54.4863, 64.9002



29.5714, 30.4962, 36.2265



6.7095, 7.0208, 8.4082



5.5661, 3.2237, 26.2361



0.1300, 0.1185, 0.4793

Inverse Universe

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



30.2386, 30.8979, 33.6499



53.5293, 54.3635, 59.1975



31.0254, 33.2661, 33.2200



6.9119, 7.0043, 7.6267



11.6077, 5.9477, 2.1853



0.2229, 0.1125, 0.1200

Previews

White Background



This preview shows how the XYZ color 29.5468, 30.9571, 36.3163 looks on a white background.

Color Contrast Check

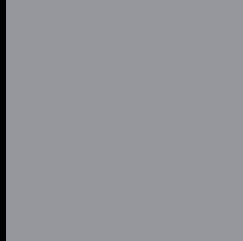
Large Text (above 18pt) WCAG AA × Fail

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 29.5468, 30.9571, 36.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

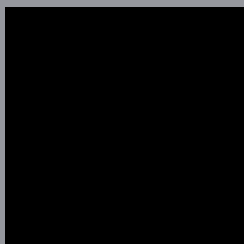
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

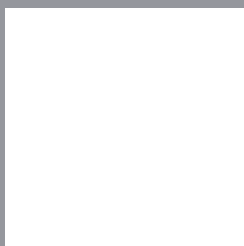
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5468, 30.9571, 36.3163

Background



This preview shows how black text looks on a background with the XYZ color 29.5468, 30.9571, 36.3163.



This preview shows how white text looks on a background with the XYZ color 29.5468, 30.9571,

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

29.5468, 30.9571, 36.3163

Protanopia

29.8560, 30.8884, 35.8410

Deuteranopia

31.3507, 30.7078, 36.6226



Tritanopia

30.0056, 30.9054, 38.5663

Trichromacy



Original Color

29.5468, 30.9571, 36.3163

Protanomaly

29.6696, 30.7923, 35.8322

Deuteranomaly

30.6661, 30.8165, 36.6797

Tritanomaly

29.8292, 30.8348, 37.6372

Monochromacy



Original Color

29.5468, 30.9571, 36.3163

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3941, 30.9172, 34.5554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5468, 30.9571, 36.3163 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(149, 151, 157) looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 157)  
}
```

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(149, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.5468, 30.9571, 36.3163 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(149, 151, 157) }
```


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

```
.border{ border-color:rgb(149, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5468, 30.9571, 36.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 157) }
```

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

```
.background{ background-color: rgb(149,  
151, 157) }
```

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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