

Converting Colors

XYZ(29.4725, 30.9052, 36.6373)

Have a look what the booklet for
XYZ(29.4725, 30.9052, 36.6373)
contains.

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Color

**XYZ(29.4509, 30.8977,
36.7594)**

Conversions

Conversions Part 1

Format	Color
Hex	94979E
RGB	148, 151, 158
RGB Percent	58%, 59%, 62%
CMY	0.4196, 0.4078, 0.3804
CMYK	0.06, 0.04, 0.00, 0.38
HSL	222°, 5%, 60%
HSV	222°, 6%, 62%
XYZ	29.4509, 30.8977, 36.7594
YIQ	150.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

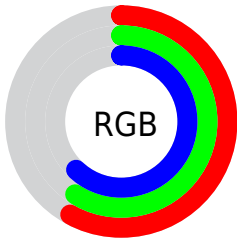
Format	Color
R_{YB}	148, 150, 158
Decimal	9738142
CIE Lab	62.42, 0.32, -4.05
CIE LCh	62, 4.066, 274.519
Yxy	30.8977, 0.3033, 0.3182
Android (android.graphics.Color)	4287928222 (0xFF94979E)
YUV	150.9010, 3.4998, -2.5442
Hunter-Lab	55.5857, -2.7005, -0.2991

Details

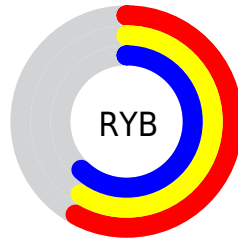
The XYZ color **29.4509, 30.8977, 36.7594** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.1673, 32.8497, 32.7155**, and the grayscale version is **29.3605, 30.8896, 33.6387**.

A 20% lighter version of the original color is **58.1987, 61.0233, 71.6621**, and **12.1408, 12.7173, 15.7247** is the 20% darker color. If you saturate the color by 10%, you get **25.0892, 26.1311, 36.0697**, and if you desaturate by 10%, it is **34.3715, 36.2019, 37.5243**.

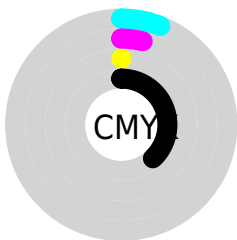
Distribution



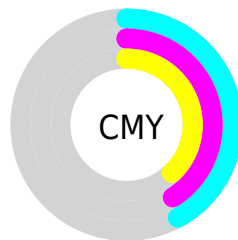
- Red (58%)
- Green (59%)
- Blue (62%)



- Red (58%)
- Yellow (59%)
- Blue (62%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (42%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4509, 30.8977, 36.7594 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 29.4509, 30.8977, 36.7594 by changing the saturation by 10% instead.

■ 29.4509, 30.8977,
36.7594

■ 29.4509, 30.8977,
36.7594

291.2925,
306.0667, 347.4050

■ 19.5682, 20.5210,
24.7269

■ 58.1853, 61.0790,
71.3848

■ 12.1880, 12.7743,
15.6566

■ 77.7677, 81.6523,
94.8148

■ 6.9449, 7.2733,
9.1297

101.3141,
106.3933, 122.8810

■ 3.4737, 3.6336,
4.7279

129.1898,
135.6863, 156.0020

■ 1.4089, 1.4708,
2.0326

161.7601,
169.9158, 194.5964

■ 0.2626, 0.2680,
0.5752

199.3904,

■ 0.0000, 0.0000,

209.4661, 239.0827

0.0000

242.4461,
254.7216, 289.8793

■ 29.4509, 30.8977,
36.7594

■ 29.4509, 30.8977,
36.7594

■ 25.0892, 26.1311,
36.0697

■ 34.3715, 36.2019,
37.5243

■ 21.2634, 21.8808,
35.4510

■ 39.8674, 42.0561,
38.3647

■ 17.9528, 18.1301,
34.9015

■ 45.9578, 48.4774,
39.2831

■ 15.1344, 14.8596,
34.4188

■ 52.6601, 55.4807,
40.2816

■ 12.7834, 12.0487,
34.0001

■ 59.9911, 63.0806,
41.3621

■ 10.8725, 9.6752,
33.6427

■ 67.9669, 71.2909,
42.5265

■ 9.3717, 7.7147,
33.3434

■ 75.2652, 79.4357,
43.7140

■ 8.2465, 6.1402,
33.0988

■ 78.4119, 85.7292,
44.7629

■ 7.4498, 4.9171,
32.9047

■ 81.7569, 92.4191,
45.8779

Harmonies

Analogous

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



28.9138, 30.8977, 36.4571



29.4509, 30.8977, 36.7594



29.9719, 30.8977, 36.2054

Triad

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



29.4509, 30.8977, 36.7594



30.2491, 30.8977, 31.9517



28.4211, 30.8977, 32.3535

Complementary

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



29.4509, 30.8977, 36.7594



31.1673, 32.8497, 32.7155

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.



28.7709, 30.8977, 31.2032



29.4509, 30.8977, 36.7594



29.8256, 30.8977, 30.9764

Square

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



29.4509, 30.8977, 36.7594



30.4365, 30.8977, 33.4038



29.2839, 30.8977, 30.7067



28.3236, 30.8977, 33.8820

Rectangle

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



29.4509, 30.8977, 36.7594



30.2387, 30.8977, 35.4348



29.2839, 30.8977, 30.7067



28.5128, 30.8977, 31.9113

Sweetspot

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



29.4518, 30.8990, 36.7601



57.1901, 60.1220, 67.3339



30.3425, 33.1111, 35.7294



12.9173, 13.5801, 15.1841



76.7382, 80.7346, 87.9200



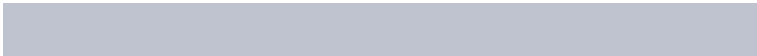
13.3056, 13.9985, 15.2444

Same Dimension

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



29.4518, 30.8990, 36.7601



51.9614, 54.4578, 66.5162



29.3090, 30.1172, 36.6167



6.4390, 6.7438, 8.3690



5.8020, 3.6955, 26.3147



0.1382, 0.1351, 0.4820

Inverse Universe

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



30.2771, 30.6839, 33.6064



53.8745, 53.9784, 59.2013



31.3152, 33.6769, 32.8673



6.7109, 6.6773, 7.3289



11.7268, 5.9953, 2.8123



0.2271, 0.1142, 0.1420

Previews

White Background



This preview shows how the XYZ color 29.4509, 30.8977, 36.7594 looks on a white background.

Color Contrast Check

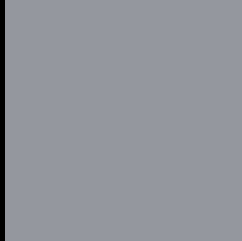
Large Text (above 18pt) WCAG AA × Fail

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 29.4509, 30.8977, 36.7594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

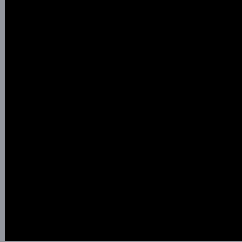
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4509, 30.8977, 36.7594

Background



This preview shows how black text looks on a background with the XYZ color 29.4509, 30.8977, 36.7594.



This preview shows how white text looks on a background with the XYZ color 29.4509, 30.8977,

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

29.4509, 30.8977, 36.7594

Protanopia

29.9410, 30.9224, 36.2888

Deuteranopia

31.4372, 30.7424, 37.0778



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

29.4509, 30.8977, 36.7594

Protanomaly

29.7546, 30.8263, 36.2801

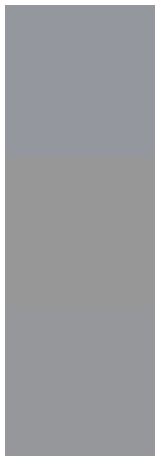
Deuteranomaly

30.7525, 30.8511, 37.1349

Tritanomaly

29.7338, 30.7755, 38.0913

Monochromacy



Original Color

29.4509, 30.8977, 36.7594

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4770, 30.9503, 34.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4509, 30.8977, 36.7594 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(148, 151, 158)` looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 158)  
}
```

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(148, 151, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.4509, 30.8977, 36.7594 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(148, 151, 158) }
```


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

```
.border{ border-color:rgb(148, 151, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 158);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4509, 30.8977, 36.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 158) }
```

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

```
.background{ background-color: rgb(148,  
151, 158) }
```

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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