

Converting Colors

XYZ(29.2940, 29.5110, 51.2888)

Have a look what the booklet for
XYZ(29.2940, 29.5110, 51.2888)
contains.

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Color

**XYZ(29.2349, 29.5236,
51.1715)**

Conversions

Conversions Part 1

Format	Color
Hex	8693BB
RGB	134, 147, 187
RGB Percent	53%, 58%, 73%
CMY	0.4745, 0.4235, 0.2667
CMYK	0.28, 0.21, 0.00, 0.27
HSL	225°, 28%, 63%
HSV	225°, 28%, 73%
XYZ	29.2349, 29.5236, 51.1715
YIQ	147.6730, -20.5880, 9.6840

Conversions

Conversions Part 2

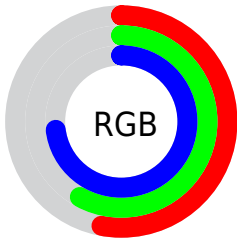
Format	Color
RYB	134, 144, 187
Decimal	8819643
CIELab	61.24, 4.58, -22.32
CIElCh	61, 22.787, 281.591
Yxy	29.5236, 0.2659, 0.2686
Android (android.graphics.Color)	4287009723 (0xFF8693BB)
YUV	147.6730, 19.3882, -11.9912
Hunter-Lab	54.3356, 0.9533, -17.8024

Details

The XYZ color **29.2349, 29.5236, 51.1715** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9332, 42.5587, 28.6652**, and the grayscale version is **27.9410, 29.3961, 32.0124**.

A 20% lighter version of the original color is **57.8033, 58.9357, 93.1232**, and **12.1450, 12.1096, 24.2515** is the 20% darker color. If you saturate the color by 10%, you get **24.4523, 23.9982, 50.3576**, and if you desaturate by 10%, it is **34.8157, 35.8616, 52.1012**.

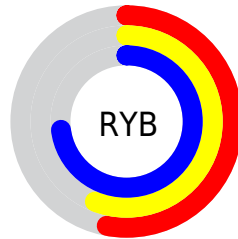
Distribution



Red (53%)

Green (58%)

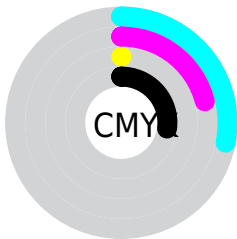
Blue (73%)



Red (53%)

Yellow (56%)

Blue (73%)

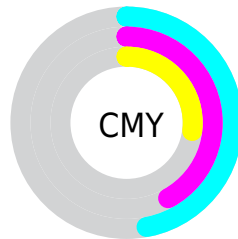


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (42%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2349, 29.5236, 51.1715 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 29.2349, 29.5236, 51.1715 by changing the saturation by 10% instead.

■ 29.2349, 29.5236,
51.1715

■ 29.2349, 29.5236,
51.1715

290.2959,
299.6775, 408.0953

■ 19.4038, 19.4773,
35.9674

■ 57.8451, 58.9080,
93.3223

■ 12.0681, 12.0156,
24.1196

■ 77.3548, 79.0148,
121.1062

■ 6.8626, 6.7543,
15.2093

■ 100.8215,
103.2439, 153.9204

■ 3.4219, 3.3089,
8.8182

128.6104,
131.9797, 192.1834

■ 1.3806, 1.2951,
4.5276

161.0870,
165.6065, 236.3139

■ 0.2423, 0.1374,
1.9190

198.6165,

■ 0.0000, 0.0000,

204.5088, 286.7304

0.5048

241.5644,
249.0710, 343.8513

■ 0.0000, 0.0000,
0.0000

■ 29.2349, 29.5236,
51.1715

■ 29.2349, 29.5236,
51.1715

■ 24.4523, 23.9982,
50.3576

■ 34.8157, 35.8616,
52.1012

■ 20.4275, 19.2480,
49.6528

■ 41.2268, 43.0403,
53.1489

■ 17.1210, 15.2382,
49.0531

■ 48.5020, 51.0909,
54.3194

■ 14.4882, 11.9294,
48.5532

■ 56.6722, 60.0417,
55.6165

■ 12.4791, 9.2785,
48.1474

■ 65.7669, 69.9199,
57.0438

■ 11.0366, 7.2368,
47.8294

■ 75.8142, 80.7515,
58.6050

■ 10.0742, 5.7391,
47.5910

■ 83.1030, 90.6345,
60.1284

■ 9.9417, 5.5317,
47.5580

■ 85.9697, 96.3679,
61.0840

Harmonies

Analogous

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



26.2808, 29.5236, 50.4821



29.2349, 29.5236, 51.1715



32.0623, 29.5236, 46.1341

Triad

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



29.2349, 29.5236, 51.1715



32.5948, 29.5236, 22.3897



22.9418, 29.5236, 27.2116

Complementary

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



29.2349, 29.5236, 51.1715



39.9332, 42.5587, 28.6652

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.



24.4078, 29.5236, 21.3169



29.2349, 29.5236, 51.1715



29.9205, 29.5236, 18.8939

Square

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



29.2349, 29.5236, 51.1715



34.0924, 29.5236, 28.9435



26.9195, 29.5236, 18.5397



22.7871, 29.5236, 35.5768

Rectangle

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



29.2349, 29.5236, 51.1715



33.4403, 29.5236, 40.6533



26.9195, 29.5236, 18.5397



23.2925, 29.5236, 24.9173

Sweetspot

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



29.2359, 29.5248, 51.1722



72.8562, 75.9930, 95.0296



35.2182, 43.6559, 46.4877



15.6570, 16.3033, 20.8642



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.2359, 29.5248, 51.1722



46.8780, 46.5658, 90.7188



29.5731, 26.8653, 50.6411



9.2015, 9.5954, 12.0393



6.8985, 3.9087, 32.7838



0.3236, 0.2598, 1.3019

Inverse Universe

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



34.2859, 29.7225, 31.5349



57.5019, 47.3222, 49.3307



39.4740, 46.2325, 29.3985



9.6236, 9.5737, 10.4067



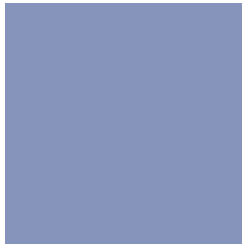
14.4828, 7.4243, 2.5702



0.5942, 0.3016, 0.2424

Previews

White Background



This preview shows how the XYZ color 29.2349, 29.5236, 51.1715 looks on a white background.

Color Contrast Check

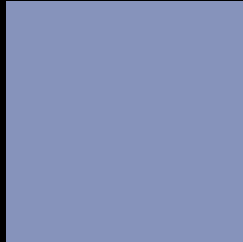
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2349, 29.5236, 51.1715 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

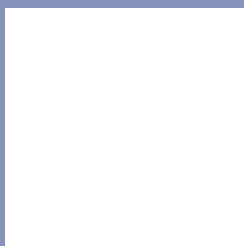
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2349, 29.5236, 51.1715

Background



This preview shows how black text looks on a background with the XYZ color 29.2349, 29.5236, 51.1715.



This preview shows how white text looks on a background with the XYZ color 29.2349, 29.5236,

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

29.2349, 29.5236, 51.1715

Protanopia

29.6230, 29.5062, 50.5883

Deuteranopia

30.0795, 29.5014, 51.1227



Tritanopia

26.7307, 29.4447, 38.9249

Trichromacy



Original Color

29.2349, 29.5236, 51.1715

Protanomaly

29.4583, 29.4213, 50.5806

Deuteranomaly

29.7298, 29.5489, 51.1503

Tritanomaly

27.7128, 29.6165, 43.2857

Monochromacy



Original Color

29.2349, 29.5236, 51.1715

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4392, 29.6281, 38.4023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2349, 29.5236, 51.1715 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(134, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 147, 187)  
}
```

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(134, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 147, 187) }
```

Border

The CSS property to change the border of an element to XYZ 29.2349, 29.5236, 51.1715 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(134, 147, 187) }
```


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

```
.border{ border-color:rgb(134, 147, 187) }
```

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

Here you see how a box with a 4 pixel rgb(134, 147, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 147, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 147, 187);  
box-shadow:4px 4px 4px 4px rgb(134, 147,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2349, 29.5236, 51.1715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 147, 187) }
```

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

```
.background{ background-color: rgb(134,  
147, 187) }
```

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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