

Converting Colors

XYZ(29.0579, 28.4748, 53.2549)

Have a look what the booklet for
XYZ(29.0579, 28.4748, 53.2549)
contains.

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Color

**XYZ(29.0579, 28.4748,
53.2549)**

Conversions

Conversions Part 1

Format	Color
Hex	868FBF
RGB	134, 143, 191
RGB Percent	53%, 56%, 75%
CMY	0.4745, 0.4392, 0.2510
CMYK	0.30, 0.25, 0.00, 0.25
HSL	231°, 31%, 64%
HSV	231°, 30%, 75%
XYZ	29.0579, 28.4748, 53.2549
YIQ	145.7810, -20.7720, 13.0200

Conversions

Conversions Part 2

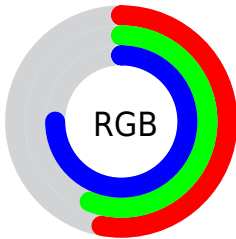
Format	Color
R_{YB}	134, 142, 191
Decimal	8818623
CIE Lab	60.32, 7.89, -26.00
CIE LCh	60, 27.170, 286.872
Yxy	28.4748, 0.2623, 0.2570
Android (android.graphics.Color)	4287008703 (0xFF868FBF)
YUV	145.7810, 22.2930, -10.3319
Hunter-Lab	53.3618, 3.8182, -21.8180

Details

The XYZ color **29.0579, 28.4748, 53.2549** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5174, 46.2539, 29.2421**, and the grayscale version is **27.1505, 28.5644, 31.1066**.

A 20% lighter version of the original color is **57.6486, 57.4012, 96.8481**, and **11.9970, 11.4738, 25.2493** is the 20% darker color. If you saturate the color by 10%, you get **24.0403, 22.5576, 52.3777**, and if you desaturate by 10%, it is **34.9734, 35.3701, 54.2745**.

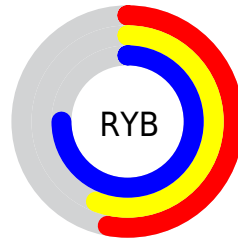
Distribution



Red (53%)

Green (56%)

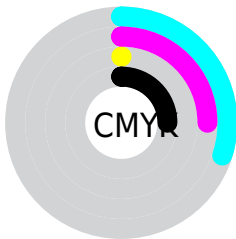
Blue (75%)



Red (53%)

Yellow (56%)

Blue (75%)

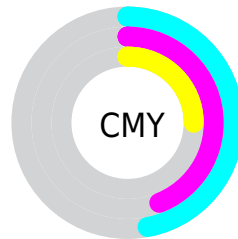


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0579, 28.4748, 53.2549 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 29.0579, 28.4748, 53.2549 by changing the saturation by 10% instead.

■ 29.0579, 28.4748,
53.2549

■ 29.0579, 28.4748,
53.2549

289.4773,
294.7288, 416.3563

■ 19.2691, 18.6839,
37.6172

■ 57.5660, 57.2416,
96.4247

■ 11.9701, 11.4421,
25.3862

■ 77.0160, 76.9863,
124.7938

■ 6.7954, 6.3650,
16.1434

■ 100.4172,
100.8176, 158.2439

■ 3.3796, 3.0683,
9.4702

128.1348,
129.1201, 197.1933

■ 1.3576, 1.1675,
4.9482

160.5343,
162.2780, 242.0608

■ 0.2257, 0.0349,
2.1587

197.9810,

■ 0.0000, 0.0000,

200.6759, 293.2647

0.6504

240.8402,
244.6980, 351.2237

■ 0.0000, 0.0000,
0.0000

■ 29.0579, 28.4748,
53.2549

■ 29.0579, 28.4748,
53.2549

■ 24.0403, 22.5576,
52.3777

■ 34.9734, 35.3701,
54.2745

■ 19.8736, 17.5705,
51.6347

■ 41.8251, 43.2817,
55.4405

■ 16.5104, 13.4666,
51.0198

■ 49.6526, 52.2502,
56.7590

■ 13.8979, 10.1933,
50.5257

■ 58.4923, 62.3126,
58.2354

■ 11.9765, 7.6922,
50.1442

■ 68.3787, 73.5042,
59.8745

■ 10.6771, 5.8973,
49.8663

■ 79.3448, 85.8589,
61.6812

■ 9.8827, 4.7132,
49.6796

■ 86.4041, 96.5416,
63.3711

■ 9.8724, 4.6983,
49.6773

Harmonies

Analogous

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



25.5697, 28.4748, 53.7221



29.0579, 28.4748, 53.2549



32.2599, 28.4748, 46.0749

Triad

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



29.0579, 28.4748, 53.2549



31.9128, 28.4748, 18.9932



21.0447, 28.4748, 26.8434

Complementary

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



29.0579, 28.4748, 53.2549



42.5174, 46.2539, 29.2421

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.



22.4591, 28.4748, 19.6405



29.0579, 28.4748, 53.2549



28.6164, 28.4748, 15.8091

Square

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



29.0579, 28.4748, 53.2549



34.0027, 28.4748, 25.7572



25.1643, 28.4748, 16.0173



21.1407, 28.4748, 36.9194

Rectangle

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



29.0579, 28.4748, 53.2549



33.7121, 28.4748, 39.1766



25.1643, 28.4748, 16.0173



21.3537, 28.4748, 24.0556

Sweetspot

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



29.0588, 28.4759, 53.2556



75.8313, 78.5784, 99.4495



36.8549, 45.6873, 50.8622



16.2271, 16.7665, 21.7663



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0588, 28.4759, 53.2556



45.8251, 43.6812, 94.2952



31.0667, 27.5850, 52.9778



9.1349, 9.4622, 12.0171



6.5271, 3.1658, 32.6600



0.2945, 0.2017, 1.2923

Inverse Universe

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



34.9696, 30.1106, 29.9565



58.2416, 47.3880, 45.2909



39.9478, 47.7541, 29.6671



9.5900, 9.5603, 10.2297



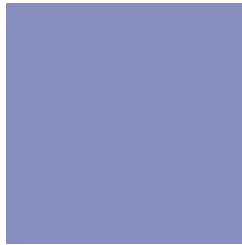
14.2953, 7.3493, 1.5828



0.5796, 0.2957, 0.1653

Previews

White Background



This preview shows how the XYZ color 29.0579, 28.4748, 53.2549 looks on a white background.

Color Contrast Check

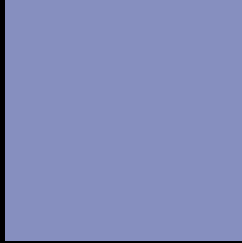
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0579, 28.4748, 53.2549 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 29.0579, 28.4748, 53.2549

Background



This preview shows how black text looks on a background with the XYZ color 29.0579, 28.4748, 53.2549.



This preview shows how white text looks on a background with the XYZ color 29.0579, 28.4748,

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

29.0579, 28.4748, 53.2549

Protanopia

28.7422, 28.3120, 53.2401

Deuteranopia

29.0579, 28.4748, 53.2549



Tritanopia

25.9947, 28.6222, 37.4123

Trichromacy



Original Color

29.0579, 28.4748, 53.2549

Protanomaly

28.8993, 28.3931, 53.2475

Deuteranomaly

29.0579, 28.4748, 53.2549

Tritanomaly

26.9903, 28.5535, 42.6169

Monochromacy



Original Color

29.0579, 28.4748, 53.2549

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8023, 28.6102, 38.2394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0579, 28.4748, 53.2549 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, 143, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 143, 191)  
}
```

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, 143, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 143, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.0579, 28.4748, 53.2549 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, 143, 191) }
```


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

```
.border{ border-color:rgb(134, 143, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 143, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 143, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 143, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 143,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0579, 28.4748, 53.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 143, 191) }
```

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

```
.background{ background-color: rgb(134,  
143, 191) }
```

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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