

Converting Colors

XYZ(30.1834, 29.4882, 52.7759)

Have a look what the booklet for
XYZ(30.1834, 29.4882, 52.7759)
contains.

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Color

**XYZ(30.2349, 29.5440,
52.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	8C91BE
RGB	140, 145, 190
RGB Percent	55%, 57%, 75%
CMY	0.4510, 0.4314, 0.2549
CMYK	0.26, 0.24, 0.00, 0.25
HSL	234°, 28%, 65%
HSV	234°, 26%, 75%
XYZ	30.2349, 29.5440, 52.8242
YIQ	148.6350, -17.4250, 12.9350

Conversions

Conversions Part 2

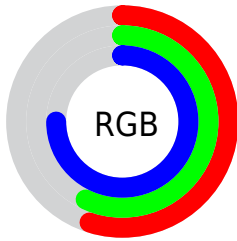
Format	Color
R_{YB}	140, 145, 190
Decimal	9212350
CIE _{Lab}	61.26, 8.31, -23.95
CIE _{LCh}	61, 25.347, 289.130
Yxy	29.5440, 0.2685, 0.2624
Android (android.graphics.Color)	4287402430 (0xFF8C91BE)
YUV	148.6350, 20.3929, -7.5729
Hunter-Lab	54.3544, 4.1713, -19.5728

Details

The XYZ color **30.2349, 29.5440, 52.8242** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3182, 47.5387, 31.7046**, and the grayscale version is **28.3371, 29.8128, 32.4661**.

A 20% lighter version of the original color is **59.3061, 58.9700, 95.4454**, and **12.6560, 12.0858, 24.9583** is the 20% darker color. If you saturate the color by 10%, you get **24.8864, 23.1960, 51.8813**, and if you desaturate by 10%, it is **36.5314, 36.9659, 53.9254**.

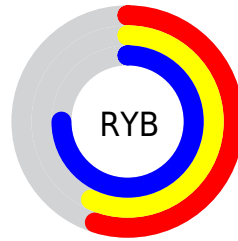
Distribution



Red (55%)

Green (57%)

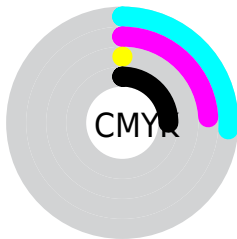
Blue (75%)



Red (55%)

Yellow (57%)

Blue (75%)

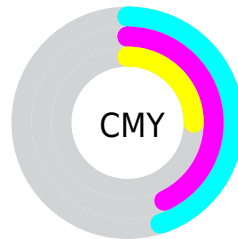


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (43%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2349, 29.5440, 52.8242 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 30.2349, 29.5440, 52.8242 by changing the saturation by 10% instead.

■ 30.2349, 29.5440,
52.8242

■ 30.2349, 29.5440,
52.8242

294.8881,
299.7731, 414.6574

■ 20.1659, 19.4927,
37.2757

■ 59.4175, 58.9403,
95.7846

■ 12.6247, 12.0269,
25.1236

■ 79.2619, 79.0541,
124.0335

■ 7.2458, 6.7620,
15.9493

■ 103.0954,
103.2909, 157.3529

■ 3.6640, 3.3137,
9.3343

131.2835,
132.0350, 196.1615

■ 1.5139, 1.2976,
4.8601

164.1914,
165.6709, 240.8777

■ 0.3352, 0.1394,
2.1081

202.1846,

■ 0.0000, 0.0000,

204.5830, 291.9200

0.6206

245.6284,
249.1556, 349.7071

0.0000, 0.0000,
0.0000

30.2349, 29.5440,
52.8242

30.2349, 29.5440,
52.8242

24.8864, 23.1960,
51.8813

36.5314, 36.9659,
53.9254

20.4372, 17.8688,
51.0876

43.8158, 45.5045,
55.1896

16.8383, 13.5097,
50.4359

52.1292, 55.2048,
56.6238

14.0351, 10.0604,
49.9178

61.5096, 66.1081,
58.2339

11.9667, 7.4557,
49.5241

71.9929, 78.2537,
60.0257

■ 10.5628, 5.6222,
49.2442

■ 83.6134, 91.6791,
62.0046

■ 9.7362, 4.4713,
49.0656

■ 86.2944, 96.4977,
62.7934

■ 9.5273, 4.1836,
49.0211

Harmonies

Analogous

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



26.8888, 29.5440, 53.7829



30.2349, 29.5440, 52.8242



33.2140, 29.5440, 45.7429

Triad

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



30.2349, 29.5440, 52.8242



32.4889, 29.5440, 20.1841



22.2426, 29.5440, 28.8282

Complementary

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



30.2349, 29.5440, 52.8242



43.3182, 47.5387, 31.7046

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.



23.5056, 29.5440, 21.5862



30.2349, 29.5440, 52.8242



29.3073, 29.5440, 17.2942

Square

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



30.2349, 29.5440, 52.8242



34.5848, 29.5440, 26.5177



26.0313, 29.5440, 17.7509



22.4479, 29.5440, 38.5696

Rectangle

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



30.2349, 29.5440, 52.8242



34.5084, 29.5440, 39.1639



26.0313, 29.5440, 17.7509



22.5053, 29.5440, 26.0598

Sweetspot

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



30.2359, 29.5452, 52.8249



76.8680, 79.4981, 99.5724



37.8986, 45.8707, 52.2961



16.4227, 16.9222, 21.7860



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.



30.2359, 29.5452, 52.8249



48.5811, 46.1793, 94.6321



33.0043, 29.8628, 52.7403



9.0912, 9.3748, 12.0026



6.3627, 2.8371, 32.6052



0.2753, 0.1633, 1.2859

Inverse Universe

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



35.7249, 31.7486, 31.0345



60.3684, 51.0554, 47.8068



39.9061, 47.3602, 31.8500



9.5679, 9.5515, 10.1136



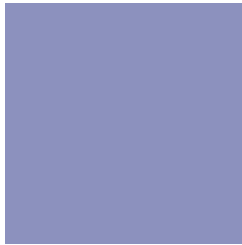
14.2124, 7.3161, 1.1460



0.5699, 0.2918, 0.1142

Previews

White Background



This preview shows how the XYZ color 30.2349, 29.5440, 52.8242 looks on a white background.

Color Contrast Check

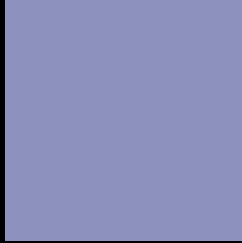
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2349, 29.5440, 52.8242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

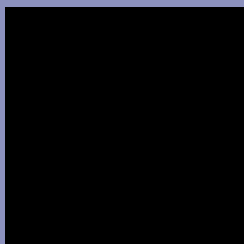
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2349, 29.5440, 52.8242

Background



This preview shows how black text looks on a background with the XYZ color 30.2349, 29.5440, 52.8242.



This preview shows how white text looks on a background with the XYZ color 30.2349, 29.5440,

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

30.2349, 29.5440, 52.8242

Protanopia

29.8362, 29.5536, 53.4221

Deuteranopia

30.2349, 29.5440, 52.8242



Tritanopia

27.2594, 29.4897, 38.4378

Trichromacy



Original Color

30.2349, 29.5440, 52.8242

Protanomaly

29.9994, 29.6377, 53.4297

Deuteranomaly

30.2349, 29.5440, 52.8242

Tritanomaly

28.1896, 29.3926, 43.2173

Monochromacy



Original Color

30.2349, 29.5440, 52.8242

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1448, 29.9711, 39.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2349, 29.5440, 52.8242 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(140, 145, 190)` looks like.

```
.text, #text, p{  
    color:rgb(140, 145, 190)  
}
```

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(140, 145, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 145, 190) }
```

Border

The CSS property to change the border of an element to XYZ 30.2349, 29.5440, 52.8242 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(140, 145, 190) }
```


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

```
.border{ border-color:rgb(140, 145, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 145, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 145, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 145, 190);  
box-shadow:4px 4px 4px 4px rgb(140, 145,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2349, 29.5440, 52.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 145, 190) }
```

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

```
.background{ background-color: rgb(140,  
145, 190) }
```

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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