

Converting Colors

XYZ(29.7088, 30.4951, 48.4545)

Have a look what the booklet for
XYZ(29.7088, 30.4951, 48.4545)
contains.

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Color

**XYZ(29.8311, 30.5934,
48.5888)**

Conversions

Conversions Part 1

Format	Color
Hex	8A96B6
RGB	138, 150, 182
RGB Percent	54%, 59%, 71%
CMY	0.4588, 0.4118, 0.2863
CMYK	0.24, 0.18, 0.00, 0.29
HSL	224°, 23%, 63%
HSV	224°, 24%, 71%
XYZ	29.8311, 30.5934, 48.5888
YIQ	150.0600, -17.4240, 7.4080

Conversions

Conversions Part 2

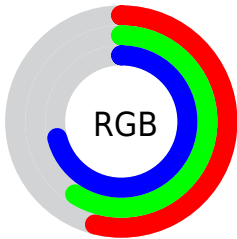
Format	Color
RYB	138, 147, 182
Decimal	9082550
CIELab	62.16, 2.88, -18.07
CIElCh	62, 18.300, 279.066
Yxy	30.5934, 0.2736, 0.2806
Android (android.graphics.Color)	4287272630 (0xFF8A96B6)
YUV	150.0600, 15.7464, -10.5766
Hunter-Lab	55.3113, -0.5242, -13.3660

Details

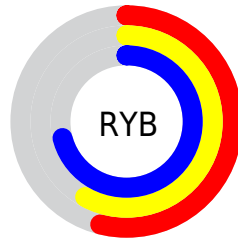
The XYZ color **29.8311, 30.5934, 48.5888** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.2539, 40.5297, 29.8524**, and the grayscale version is **28.9563, 30.4642, 33.1756**.

A 20% lighter version of the original color is **58.7637, 60.5652, 89.4820**, and **12.3548, 12.5349, 22.5372** is the 20% darker color. If you saturate the color by 10%, you get **25.0745, 25.1816, 47.7954**, and if you desaturate by 10%, it is **35.3328, 36.7449, 49.4867**.

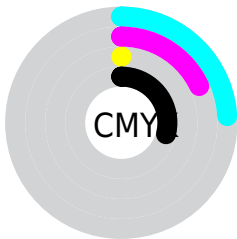
Distribution



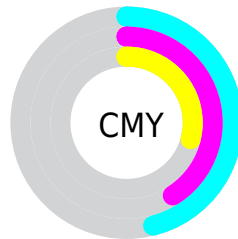
- Red (54%)
- Green (59%)
- Blue (71%)



- Red (54%)
- Yellow (58%)
- Blue (71%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (46%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8311, 30.5934, 48.5888 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 29.8311, 30.5934, 48.5888 by changing the saturation by 10% instead.

■ 29.8311, 30.5934,
48.5888

■ 29.8311, 30.5934,
48.5888

293.0404,
304.6607, 397.6971

■ 19.8579, 20.2894,
33.9301

■ 58.7834, 60.5993,
89.4551

■ 12.3994, 12.6056,
22.5630

■ 78.4932, 81.0701,
116.4997

■ 7.0904, 7.1575,
14.0689

■ 102.1793,
105.6986, 148.5101

■ 3.5656, 3.5608,
8.0293

130.2069,
134.8692, 185.9048

■ 1.4594, 1.4311,
4.0257

162.9415,
168.9663, 229.1023

■ 0.2980, 0.2394,
1.6394

200.7483,

■ 0.0000, 0.0000,

208.3744, 278.5212

0.3187

243.9928,
253.4777, 334.5799

■ 0.0000, 0.0000,
0.0000

■ 29.8311, 30.5934,
48.5888

■ 29.8311, 30.5934,
48.5888

■ 25.0745, 25.1816,
47.7954

■ 35.3328, 36.7449,
49.4867

■ 21.0272, 20.4772,
47.1007

■ 41.6076, 43.6597,
50.4907

■ 17.6543, 16.4505,
46.5013

■ 48.6856, 51.3645,
51.6048

■ 14.9172, 13.0686,
45.9927

■ 56.5944, 59.8839,
52.8324

■ 12.7726, 10.2952,
45.5704

■ 65.3602, 69.2412,
54.1765

■ 11.1718, 8.0900,
45.2292

■ 75.0082, 79.4590,
55.6402

■ 10.0570, 6.4071,
44.9631

■ 81.6308, 88.5319,
57.0424

■ 9.5690, 5.6282,
44.8385

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



27.4178, 30.5934, 47.6607



29.8311, 30.5934, 48.5888



32.1676, 30.5934, 44.9970

Triad

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



29.8311, 30.5934, 48.5888



32.9143, 30.5934, 25.4700



24.8733, 30.5934, 28.6939

Complementary

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



29.8311, 30.5934, 48.5888



38.2539, 40.5297, 29.8524

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.



26.1931, 30.5934, 23.8467



29.8311, 30.5934, 48.5888



30.8042, 30.5934, 22.1762

Square

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



29.8311, 30.5934, 48.5888



34.0126, 30.5934, 31.2183



28.3379, 30.5934, 21.6271



24.6455, 30.5934, 35.4952

Rectangle

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



29.8311, 30.5934, 48.5888



33.3347, 30.5934, 40.7850



28.3379, 30.5934, 21.6271



25.2002, 30.5934, 26.8109

Sweetspot

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



29.8321, 30.5946, 48.5895



71.9359, 75.3170, 90.9819



34.4215, 41.7444, 44.0431



15.7356, 16.4671, 20.0707



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.8321, 30.5946, 48.5895



49.3357, 50.0874, 87.3033



29.6612, 27.8077, 48.0606



8.7151, 9.1075, 11.3780



6.8059, 4.0715, 31.6802



0.2932, 0.2502, 1.1346

Inverse Universe

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



33.8857, 30.3249, 32.9229



58.0315, 49.7685, 53.6372



38.4319, 44.1150, 30.5351



9.1026, 9.0514, 9.8875



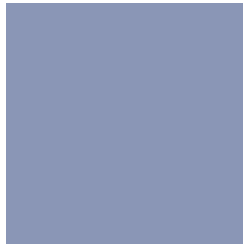
14.0490, 7.1934, 2.8788



0.5222, 0.2643, 0.2432

Previews

White Background



This preview shows how the XYZ color 29.8311, 30.5934, 48.5888 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 29.8311, 30.5934, 48.5888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

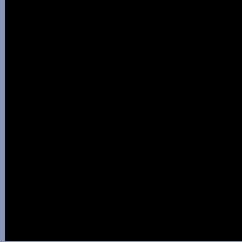
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

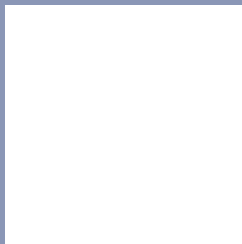
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8311, 30.5934, 48.5888

Background



This preview shows how black text looks on a background with the XYZ color 29.8311, 30.5934, 48.5888.

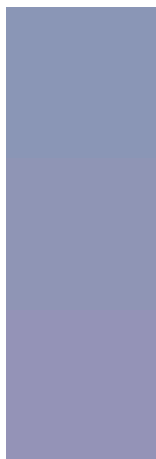


This preview shows how white text looks on a background with the XYZ color 29.8311, 30.5934,

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

29.8311, 30.5934, 48.5888

Protanopia

30.4156, 30.6707, 48.0330

Deuteranopia

31.1937, 30.5822, 49.0586



Tritanopia

28.1744, 30.6500, 40.0284

Trichromacy



Original Color

29.8311, 30.5934, 48.5888

Protanomaly

30.0724, 30.4938, 48.0170

Deuteranomaly

30.6387, 30.5280, 49.0774

Tritanomaly

28.7323, 30.6310, 42.9261

Monochromacy



Original Color

29.8311, 30.5934, 48.5888

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.2820, 30.5323, 38.5324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8311, 30.5934, 48.5888 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(138, 150, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 182)  
}
```

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(138, 150, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 182) }
```

Border

The CSS property to change the border of an element to XYZ 29.8311, 30.5934, 48.5888 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(138, 150, 182) }
```


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

```
.border{ border-color:rgb(138, 150, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 150, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 182);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8311, 30.5934, 48.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 182) }
```

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

```
.background{ background-color: rgb(138,  
150, 182) }
```

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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