

Converting Colors

XYZ(28.9832, 30.8085, 47.8672)

Have a look what the booklet for
XYZ(28.9832, 30.8085, 47.8672)
contains.

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Color

**XYZ(29.0918, 30.9440,
48.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	8399B5
RGB	131, 153, 181
RGB Percent	51%, 60%, 71%
CMY	0.4863, 0.4000, 0.2902
CMYK	0.28, 0.15, 0.00, 0.29
HSL	214°, 25%, 61%
HSV	214°, 28%, 71%
XYZ	29.0918, 30.9440, 48.1555
YIQ	149.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

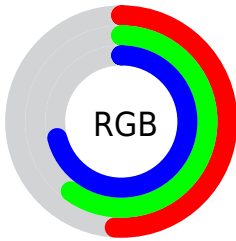
Format	Color
RYB	131, 146, 181
Decimal	8624565
CIELab	62.46, -1.23, -17.10
CIElCh	62, 17.147, 265.889
Yxy	30.9440, 0.2689, 0.2860
Android (android.graphics.Color)	4286814645 (0xFF8399B5)
YUV	149.6140, 15.4733, -16.3245
Hunter-Lab	55.6273, -3.9965, -12.3871

Details

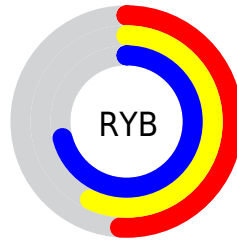
The XYZ color **29.0918, 30.9440, 48.1555** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.5513, 36.2589, 26.5984**, and the grayscale version is **28.7701, 30.2684, 32.9623**.

A 20% lighter version of the original color is **57.6065, 61.0544, 88.8692**, and **11.9559, 12.7667, 22.2562** is the 20% darker color. If you saturate the color by 10%, you get **24.9407, 26.4457, 47.5066**, and if you desaturate by 10%, it is **33.8755, 35.9791, 48.8758**.

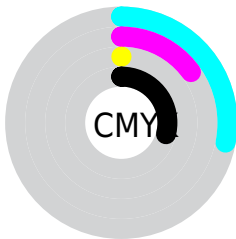
Distribution



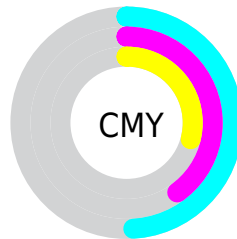
- Red (51%)
- Green (60%)
- Blue (71%)



- Red (51%)
- Yellow (57%)
- Blue (71%)



- Cyan (28%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (49%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0918, 30.9440, 48.1555 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 29.0918, 30.9440, 48.1555 by changing the saturation by 10% instead.

■ 29.0918, 30.9440,
48.1555

■ 29.0918, 30.9440,
48.1555

289.6342,
306.2802, 395.9346

■ 19.2949, 20.5562,
33.5892

■ 57.6195, 61.1519,
88.8038

■ 11.9888, 12.8000,
22.3034

■ 77.0809, 81.7408,
115.7229

■ 6.8082, 7.2910,
13.8795

■ 100.4946,
106.4988, 147.5967

■ 3.3877, 3.6447,
7.8991

128.2260,
135.8104, 184.8437

■ 1.3620, 1.4769,
3.9436

160.6402,
170.0600, 227.8825

■ 0.2289, 0.2724,
1.5945

198.1028,

■ 0.0000, 0.0000,

209.6319, 277.1315

0.2869

240.9790,
254.9105, 333.0094

■ 0.0000, 0.0000,
0.0000

■ 29.0918, 30.9440,
48.1555

■ 29.0918, 30.9440,
48.1555

■ 24.9407, 26.4457,
47.5066

■ 33.8755, 35.9791,
48.8758

■ 21.3903, 22.4604,
46.9244

■ 39.3159, 41.5662,
49.6674

■ 18.4102, 18.9677,
46.4074

■ 45.4393, 47.7244,
50.5334

■ 15.9659, 15.9443,
45.9526

■ 52.2697, 54.4708,
51.4755

■ 14.0187, 13.3644,
45.5573

■ 59.8297, 61.8215,
52.4959

■ 12.5240, 11.1987,
45.2180

■ 68.1411, 69.7921,
53.5963

■ 11.4159, 9.4069,
44.9306

■ 76.2232, 77.8815,
54.7318

■ 11.1834, 9.0219,
44.8685

■ 79.0282, 83.4914,
55.6668

■ 81.9983, 89.4316,
56.6568

Harmonies

Analogous

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



26.9732, 30.9440, 45.4527



29.0918, 30.9440, 48.1555



31.4082, 30.9440, 46.5833

Triad

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



29.0918, 30.9440, 48.1555



33.6223, 30.9440, 28.4026



25.8607, 30.9440, 27.0064

Complementary

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



29.0918, 30.9440, 48.1555



35.5513, 36.2589, 26.5984

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.



27.5010, 30.9440, 23.4309



29.0918, 30.9440, 48.1555



31.9921, 30.9440, 24.1593

Square

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



29.0918, 30.9440, 48.1555



34.1029, 30.9440, 34.6196



29.7332, 30.9440, 22.4612



25.1711, 30.9440, 32.7826

Rectangle

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



29.0918, 30.9440, 48.1555



32.7417, 30.9440, 43.4205



29.7332, 30.9440, 22.4612



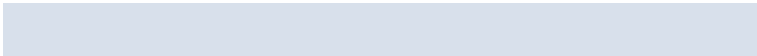
26.3149, 30.9440, 25.5386

Sweetspot

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



29.0928, 30.9452, 48.1562



69.8869, 73.9084, 88.8769



32.0993, 40.3595, 38.6729



14.7766, 15.6397, 19.1622



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.0928, 30.9452, 48.1562



47.5628, 50.5315, 85.5413



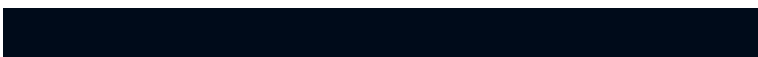
26.2095, 24.5970, 47.0828



8.3394, 8.8250, 10.7702



7.7763, 6.3530, 30.9534



0.3031, 0.3168, 0.9934

Inverse Universe

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



32.9229, 28.3571, 33.8766



55.6481, 45.5423, 55.2912



39.0962, 44.2112, 27.9466



8.6465, 8.5653, 9.6370



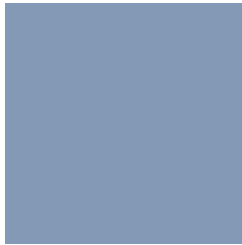
14.1598, 7.1815, 6.0013



0.4750, 0.2378, 0.3442

Previews

White Background



This preview shows how the XYZ color 29.0918, 30.9440, 48.1555 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 29.0918, 30.9440, 48.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

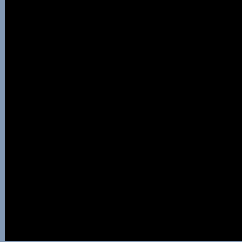
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

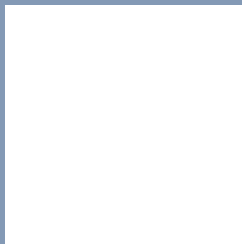
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0918, 30.9440, 48.1555

Background



This preview shows how black text looks on a background with the XYZ color 29.0918, 30.9440, 48.1555.



This preview shows how white text looks on a background with the XYZ color 29.0918, 30.9440,

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

29.0918, 30.9440, 48.1555

Protanopia

30.5612, 30.7693, 46.9761

Deuteranopia

31.4549, 30.7289, 48.5294



Tritanopia

27.6913, 30.8590, 41.5427

Trichromacy



Original Color

29.0918, 30.9440, 48.1555

Protanomaly

29.9598, 30.6834, 47.5235

Deuteranomaly

30.5186, 30.7119, 48.5755

Tritanomaly

28.1517, 30.7955, 43.9955

Monochromacy



Original Color

29.0918, 30.9440, 48.1555

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8273, 30.5461, 38.0948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0918, 30.9440, 48.1555 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(131, 153, 181)` looks like.

```
.text, #text, p{  
    color:rgb(131, 153, 181)  
}
```

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(131, 153, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 153, 181) }
```

Border

The CSS property to change the border of an element to XYZ 29.0918, 30.9440, 48.1555 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(131, 153, 181) }
```


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

```
.border{ border-color:rgb(131, 153, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 153, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 153, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 153, 181);  
box-shadow:4px 4px 4px 4px rgb(131, 153,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0918, 30.9440, 48.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 153, 181) }
```

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

```
.background{ background-color: rgb(131,  
153, 181) }
```

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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