

Converting Colors

XYZ(9.3152, 10.1593, 18.3928)

Have a look what the booklet for
XYZ(9.3152, 10.1593, 18.3928)
contains.

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Color

**XYZ(9.2848, 10.0969,
18.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	425C75
RGB	66, 92, 117
RGB Percent	26%, 36%, 46%
CMY	0.7412, 0.6392, 0.5412
CMYK	0.44, 0.21, 0.00, 0.54
HSL	209°, 28%, 36%
HSV	209°, 44%, 46%
XYZ	9.2848, 10.0969, 18.2892
YIQ	87.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

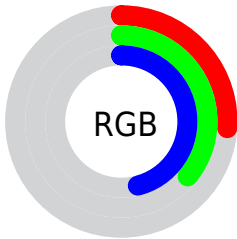
Format	Color
R_{YB}	66, 83, 117
Decimal	4349045
CIE Lab	38.02, -2.55, -17.22
CIE LCh	38, 17.408, 261.573
Yxy	10.0969, 0.2465, 0.2680
Android (android.graphics.Color)	4282539125 (0xFF425C75)
YUV	87.0760, 14.7525, -18.4837
Hunter-Lab	31.7756, -3.4498, -11.8828

Details

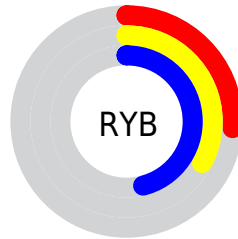
The XYZ color **9.2848, 10.0969, 18.2892** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12.0608, 11.6577, 6.7691**, and the grayscale version is **9.0486, 9.5198, 10.3671**.

A 20% lighter version of the original color is **24.0369, 25.9236, 41.2730**, and **2.2649, 2.4938, 5.9922** is the 20% darker color. If you saturate the color by 10%, you get **8.0976, 8.7752, 18.0968**, and if you desaturate by 10%, it is **10.6716, 11.5777, 18.5021**.

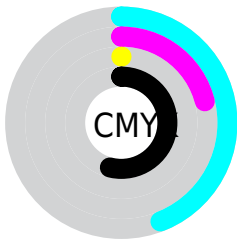
Distribution



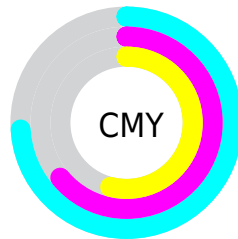
- Red (26%)
- Green (36%)
- Blue (46%)



- Red (26%)
- Yellow (33%)
- Blue (46%)



- Cyan (44%)
- Magenta (21%)
- Yellow (0%)
- Black (54%)



- Cyan (74%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2848, 10.0969, 18.2892 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 9.2848, 10.0969, 18.2892 by changing the saturation by 10% instead.

■ 9.2848, 10.0969,
18.2892

■ 9.2848, 10.0969,
18.2892

179.6510,
191.3623, 254.7867

■ 4.9860, 5.4633,
10.9862

■ 24.1034, 25.9776,
41.3501

■ 2.2737, 2.5215,
5.9435

■ 35.3539, 37.9934,
57.9451

■ 0.7812, 0.8874,
2.7425

■ 49.6523, 53.2388,
78.4745

■ 0.0000, 0.0000,
0.9647

■ 67.3640, 72.0981,
103.3568

■ 0.0000, 0.0000,
0.0000

■ 88.8544, 94.9557,
133.0107

114.4888,

122.1960, 167.8546

144.6325,
154.2034, 208.3071

■ 9.2848, 10.0969,
18.2892

■ 9.2848, 10.0969,
18.2892

■ 8.0976, 8.7752,
18.0968

■ 10.6716, 11.5777,
18.5021

■ 7.0983, 7.6048,
17.9236

■ 12.2668, 13.2229,
18.7356

■ 6.2753, 6.5787,
17.7689

■ 14.0800, 15.0386,
18.9905

■ 5.6153, 5.6886,
17.6319

■ 16.1198, 17.0304,
19.2674

■ 5.1004, 4.9239,
17.5114

■ 18.3942, 19.2036,
19.5670

■ 4.8084, 4.4793,
17.4410

■ 20.9110, 21.5632,
19.8898

■ 23.6775, 24.1140,
20.2364

■ 26.7006, 26.8607,
20.6072

■ 29.9872, 29.8077,
21.0028

Harmonies

Analogous

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



8.3201, 10.0969, 16.5651



9.2848, 10.0969, 18.2892



10.4103, 10.0969, 17.7811

Triad

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



9.2848, 10.0969, 18.2892



11.7410, 10.0969, 8.8793



8.0073, 10.0969, 7.5902

Complementary

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



9.2848, 10.0969, 18.2892



12.0608, 11.6577, 6.7691

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.



8.8269, 10.0969, 6.1996



9.2848, 10.0969, 18.2892



10.9978, 10.0969, 6.8369

Square

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



9.2848, 10.0969, 18.2892



11.8875, 10.0969, 11.9222



9.9157, 10.0969, 5.9536



7.6211, 10.0969, 10.1149

Rectangle

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



9.2848, 10.0969, 18.2892



11.0973, 10.0969, 16.2808



9.9157, 10.0969, 5.9536



8.2381, 10.0969, 6.9967

Sweetspot

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



9.2851, 10.0973, 18.2894



25.3001, 27.0155, 34.0181



10.4816, 14.6304, 12.0904



5.6748, 6.0707, 7.8016



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.2851, 10.0973, 18.2894



14.5482, 15.7684, 32.4138



7.4562, 6.4394, 17.6798



3.6406, 3.8698, 4.6453



5.2822, 4.9041, 19.2107



24.8810, 22.1785, 93.3298

Inverse Universe

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



11.2164, 8.4514, 11.1657



18.5857, 12.8103, 17.4128



14.5824, 16.7009, 7.6096



3.7546, 3.7291, 4.2345



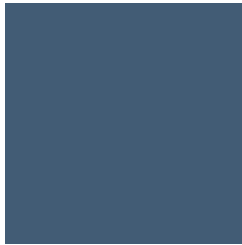
8.9633, 4.5191, 5.0151



43.2455, 21.8483, 22.1540

Previews

White Background



This preview shows how the XYZ color 9.2848, 10.0969, 18.2892 looks on a white 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

Black Background



This preview shows how the XYZ color 9.2848, 10.0969, 18.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

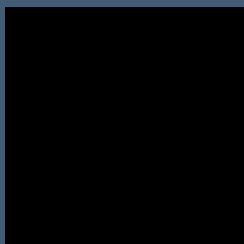
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

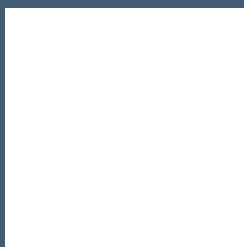
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.2848, 10.0969, 18.2892

Background



This preview shows how black text looks on a background with the XYZ color 9.2848, 10.0969, 18.2892.

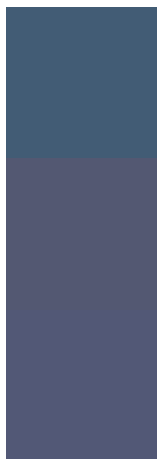


This preview shows how white text looks on a background with the XYZ color 9.2848, 10.0969,

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

9.2848, 10.0969, 18.2892

Protanopia

10.0943, 10.0334, 17.3242

Deuteranopia

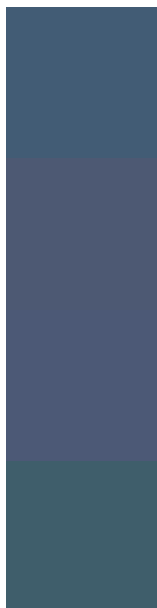
10.2394, 10.0813, 18.5457



Tritanopia

8.4771, 10.1679, 14.0862

Trichromacy



Original Color

9.2848, 10.0969, 18.2892

Protanomaly

9.7275, 9.9603, 17.6295

Deuteranomaly

9.8229, 9.9893, 18.5499

Tritanomaly

8.7064, 10.1237, 15.4051

Monochromacy



Original Color

9.2848, 10.0969, 18.2892

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.0014, 9.6889, 12.9510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2848, 10.0969, 18.2892 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(66, 92, 117) looks like.

```
.text, #text, p{  
    color:rgb(66, 92, 117)  
}
```

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(66, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 9.2848, 10.0969, 18.2892 is called "border". The border property can be set on classes, ids or directly on the HTML element.

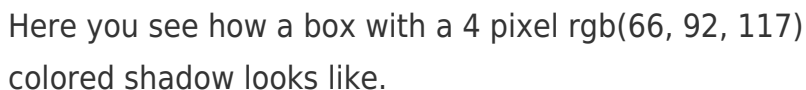
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 92, 117) }
```


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

```
.border{ border-color:rgb(66, 92, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(66, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(66, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 9.2848, 10.0969, 18.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 92, 117) }
```

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

```
.background{ background-color: rgb(66, 92,  
117) }
```

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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