

Converting Colors

XYZ(11.4854, 10.8929, 18.9259)

Have a look what the booklet for
XYZ(11.4854, 10.8929, 18.9259)
contains.

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Color

**XYZ(11.4164, 10.8038,
18.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5977
RGB	93, 89, 119
RGB Percent	36%, 35%, 47%
CMY	0.6353, 0.6510, 0.5333
CMYK	0.22, 0.25, 0.00, 0.53
HSL	248°, 14%, 41%
HSV	248°, 25%, 47%
XYZ	11.4164, 10.8038, 18.9364
YIQ	93.6160, -7.2460, 10.1780

Conversions

Conversions Part 2

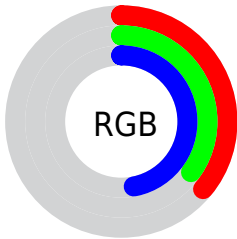
Format	Color
R_{YB}	93, 89, 119
Decimal	6117751
CIE Lab	39.25, 8.56, -16.38
CIE LCh	39, 18.484, 297.590
Yxy	10.8038, 0.2774, 0.2625
Android (android.graphics.Color)	4284307831 (0xFF5D5977)
YUV	93.6160, 12.5143, -0.5402
Hunter-Lab	32.8691, 4.4772, -11.1495

Details

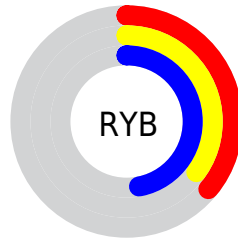
The XYZ color **11.4164, 10.8038, 18.9364** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **15.4704, 17.5599, 12.0256**, and the grayscale version is **10.5218, 11.0697, 12.0549**.

A 20% lighter version of the original color is **28.0849, 27.3348, 42.3240**, and **3.1329, 2.8244, 6.1744** is the 20% darker color. If you saturate the color by 10%, you get **9.5307, 8.4788, 18.5872**, and if you desaturate by 10%, it is **13.6037, 13.5225, 19.3461**.

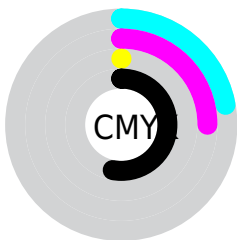
Distribution



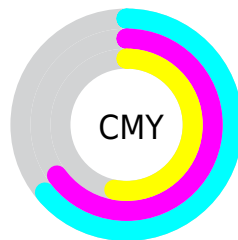
- Red (36%)
- Green (35%)
- Blue (47%)



- Red (36%)
- Yellow (35%)
- Blue (47%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4164, 10.8038, 18.9364 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 11.4164, 10.8038, 18.9364 by changing the saturation by 10% instead.

■ 11.4164, 10.8038,
18.9364

■ 11.4164, 10.8038,
18.9364

■ 194.3523,
196.3165, 258.5084

■ 6.4170, 5.9351,
11.4480

■ 28.0538, 27.2968,
42.4619

■ 3.1433, 2.8056,
6.2511

■ 40.4225, 39.6898,
59.3360

■ 1.2300, 1.0311,
2.9271

■ 55.9784, 55.3597,
80.1758

■ 0.1299, 0.0000,
1.0575

■ 75.0867, 74.6910,
105.3998

■ 0.0000, 0.0000,
0.0000

■ 98.1130, 98.0678,
135.4265

125.4224,

125.8748, 170.6745

157.3804,
158.4962, 211.5623

■ 11.4164, 10.8038,
18.9364

■ 11.4164, 10.8038,
18.9364

■ 9.5307, 8.4788,
18.5872

■ 13.6037, 13.5225,
19.3461

■ 7.9323, 6.5279,
18.2949

■ 16.1040, 16.6506,
19.8180

■ 6.6072, 4.9319,
18.0567

■ 18.9295, 20.2045,
20.3551

■ 5.5400, 3.6691,
17.8692

■ 22.0912, 24.1996,
20.9596

■ 4.7135, 2.7159,
17.7287

■ 25.5997, 28.6501,
21.6337

■ 4.1085, 2.0449,
17.6311

■ 29.4652, 33.5700,
22.3796

■ 3.6969, 1.6131,
17.5694

■ 33.6974, 38.9723,
23.1993

■ 3.5413, 1.4409,
17.5444

■ 38.3057, 44.8698,
24.0948

■ 43.2990, 51.2746,
25.0678

Harmonies

Analogous

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



10.1685, 10.8038, 20.0176



11.4164, 10.8038, 18.9364



12.4225, 10.8038, 15.8288

Triad

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



11.4164, 10.8038, 18.9364



11.6043, 10.8038, 6.8776



8.0602, 10.8038, 11.4779

Complementary

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



11.4164, 10.8038, 18.9364



15.4704, 17.5599, 12.0256

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.



8.3794, 10.8038, 8.4616



11.4164, 10.8038, 18.9364



10.3696, 10.8038, 6.1623

Square

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



11.4164, 10.8038, 18.9364



12.5370, 10.8038, 8.8684



9.2006, 10.8038, 6.6782



8.2919, 10.8038, 15.2287

Rectangle

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



11.4164, 10.8038, 18.9364



12.7854, 10.8038, 13.2974



9.2006, 10.8038, 6.6782



8.1060, 10.8038, 10.3523

Sweetspot

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



11.4167, 10.8042, 18.9366



27.4368, 28.0603, 35.2232



13.5806, 15.7175, 19.7710



6.3629, 6.4756, 8.3212



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



11.4167, 10.8042, 18.9366



18.5035, 16.9500, 33.5495



13.0868, 11.6652, 19.0148



3.5419, 3.6111, 4.6006



3.7569, 1.5281, 18.6395



17.8773, 7.2246, 90.8125

Inverse Universe

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



14.2749, 12.3048, 17.8424



24.5307, 20.1163, 31.1608



13.6558, 16.6245, 11.9407



3.8066, 3.7499, 4.5086



10.6884, 5.2091, 14.0990



51.8577, 25.2932, 67.5054

Previews

White Background



This preview shows how the XYZ color 11.4164, 10.8038, 18.9364 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 11.4164, 10.8038, 18.9364 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 11.4164, 10.8038, 18.9364

Background



This preview shows how black text looks on a background with the XYZ color 11.4164, 10.8038, 18.9364.



This preview shows how white text looks on a background with the XYZ color 11.4164, 10.8038,

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

11.4164, 10.8038, 18.9364

Protanopia

10.9386, 10.7939, 19.5961

Deuteranopia

11.0954, 10.8888, 18.9697



Tritanopia

10.3344, 10.8726, 13.6105

Trichromacy



Original Color

11.4164, 10.8038, 18.9364

Protanomaly

11.0708, 10.7431, 19.2594

Deuteranomaly

11.2024, 10.8179, 18.9504

Tritanomaly

10.6974, 10.8895, 15.4480

Monochromacy



Original Color

11.4164, 10.8038, 18.9364

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8914, 11.0132, 14.3837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4164, 10.8038, 18.9364 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(93, 89, 119) looks like.

```
.text, #text, p{  
    color:rgb(93, 89, 119)  
}
```

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(93, 89, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 89, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.4164, 10.8038, 18.9364 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(93, 89, 119) }
```


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

```
.border{ border-color:rgb(93, 89, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 89, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(93, 89,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4164, 10.8038, 18.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 89, 119) }
```

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

```
.background{ background-color: rgb(93, 89,  
119) }
```

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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