

Converting Colors

XYZ(11.5458, 12.1962, 19.1464)

Have a look what the booklet for
XYZ(11.5458, 12.1962, 19.1464)
contains.

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Color

**XYZ(11.5379, 12.1869,
19.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	556377
RGB	85, 99, 119
RGB Percent	33%, 39%, 47%
CMY	0.6667, 0.6118, 0.5333
CMYK	0.29, 0.17, 0.00, 0.53
HSL	215°, 17%, 40%
HSV	215°, 29%, 47%
XYZ	11.5379, 12.1869, 19.1970
YIQ	97.0940, -14.7640, 3.2520

Conversions

Conversions Part 2

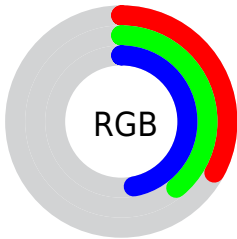
Format	Color
R_{YB}	85, 95, 119
Decimal	5596023
CIE _{Lab}	41.51, -0.32, -12.99
CIE _{LCh}	42, 12.993, 268.570
Yxy	12.1869, 0.2688, 0.2839
Android (android.graphics.Color)	4283786103 (0xFF556377)
YUV	97.0940, 10.7997, -10.6064
Hunter-Lab	34.9097, -2.0966, -8.1670

Details

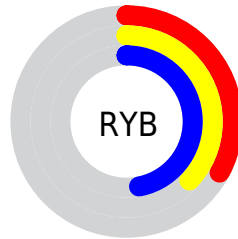
The XYZ color **11.5379, 12.1869, 19.1970** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2991, 14.6809, 10.6746**, and the grayscale version is **11.3626, 11.9543, 13.0182**.

A 20% lighter version of the original color is **28.2487, 29.9039, 42.8112**, and **3.2098, 3.4132, 6.4509** is the 20% darker color. If you saturate the color by 10%, you get **9.9125, 10.4071, 18.9393**, and if you desaturate by 10%, it is **13.4033, 14.1763, 19.4829**.

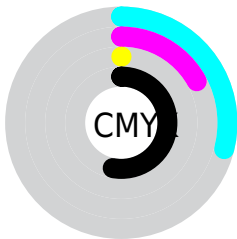
Distribution



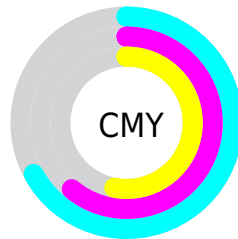
- Red (33%)
- Green (39%)
- Blue (47%)



- Red (33%)
- Yellow (37%)
- Blue (47%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (67%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5379, 12.1869, 19.1970 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 11.5379, 12.1869, 19.1970 by changing the saturation by 10% instead.

■ 11.5379, 12.1869,
19.1970

■ 11.5379, 12.1869,
19.1970

195.1546,
205.6387, 259.9930

■ 6.4998, 6.8711,
11.6345

■ 28.2749, 29.8351,
42.9078

■ 3.1948, 3.3816,
6.3758

■ 40.7044, 42.9362,
59.8932

■ 1.2576, 1.3341,
3.0024

■ 56.3285, 59.4012,
80.8566

■ 0.1511, 0.1673,
1.0959

■ 75.5126, 79.6146,
106.2166

■ 0.0000, 0.0000,
0.0000

■ 98.6218, 103.9606,
136.3917

126.0217,

132.8237, 171.8004

158.0775,
166.5883, 212.8614

■ 11.5379, 12.1869,
19.1970

■ 11.5379, 12.1869,
19.1970

■ 9.9125, 10.4071,
18.9393

■ 13.4033, 14.1763,
19.4829

■ 8.5154, 8.8279,
18.7082

■ 15.5173, 16.3811,
19.7970

■ 7.3356, 7.4417,
18.5028

■ 17.8898, 18.8085,
20.1405

■ 6.3607, 6.2397,
18.3221

■ 20.5293, 21.4650,
20.5142

■ 5.5768, 5.2123,
18.1652

■ 23.4443, 24.3567,
20.9187

■ 4.9682, 4.3489,
18.0306

■ 26.6428, 27.4896,
21.3548

■ 4.4919, 3.6246,
17.9159

■ 30.1323, 30.8695,
21.8233

■ 4.4284, 3.5290,
17.9008

■ 33.9203, 34.5017,
22.3247

■ 38.0139, 38.3918,
22.8598

Harmonies

Analogous

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



10.6593, 12.1869, 18.2366



11.5379, 12.1869, 19.1970



12.4763, 12.1869, 18.3979

Triad

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



11.5379, 12.1869, 19.1970



13.2576, 12.1869, 10.9279



10.0976, 12.1869, 10.7311

Complementary

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



11.5379, 12.1869, 19.1970



14.2991, 14.6809, 10.6746

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.



10.7339, 12.1869, 9.1953



11.5379, 12.1869, 19.1970



12.5592, 12.1869, 9.2976

Square

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



11.5379, 12.1869, 19.1970



13.5012, 12.1869, 13.4000



11.6288, 12.1869, 8.7081



9.8562, 12.1869, 13.1397

Rectangle

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



11.5379, 12.1869, 19.1970



13.0033, 12.1869, 17.0290



11.6288, 12.1869, 8.7081



10.2706, 12.1869, 10.1085

Sweetspot

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



11.5383, 12.1874, 19.1973



27.5239, 29.0619, 35.4119



12.8846, 16.1417, 15.7565



6.4090, 6.7695, 8.3755



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.



11.5383, 12.1874, 19.1973



18.7808, 19.7751, 34.0802



10.5872, 9.8957, 18.8051



3.6130, 3.8147, 4.6361



4.6957, 3.7311, 19.0152



22.0810, 16.5785, 92.3965

Inverse Universe

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



13.1087, 11.3200, 13.2990



22.1063, 18.1231, 21.5487



15.4614, 17.5742, 11.1718



3.7407, 3.7236, 4.1612



8.6673, 4.4006, 3.4562



41.8322, 21.2830, 14.7116

Previews

White Background



This preview shows how the XYZ color 11.5379, 12.1869, 19.1970 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 11.5379, 12.1869, 19.1970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

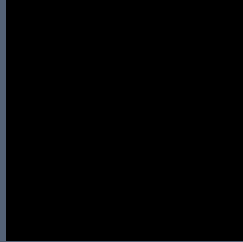
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

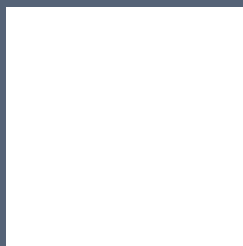
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5379, 12.1869, 19.1970

Background



This preview shows how black text looks on a background with the XYZ color 11.5379, 12.1869, 19.1970.

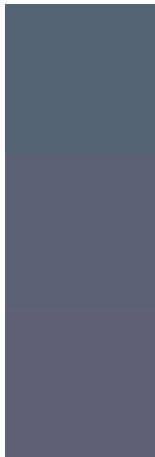


This preview shows how white text looks on a background with the XYZ color 11.5379, 12.1869,

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

11.5379, 12.1869, 19.1970

Protanopia

12.0589, 12.1846, 18.8558

Deuteranopia

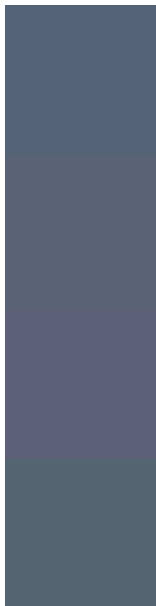
12.3969, 12.2086, 19.4724



Tritanopia

10.9813, 12.2505, 16.2538

Trichromacy



Original Color

11.5379, 12.1869, 19.1970

Protanomaly

11.8541, 12.2170, 18.8729

Deuteranomaly

12.0785, 12.1808, 19.4838

Tritanomaly

11.1940, 12.1914, 17.3860

Monochromacy



Original Color

11.5379, 12.1869, 19.1970

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4317, 12.0824, 15.0942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5379, 12.1869, 19.1970 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(85, 99, 119) looks like.

```
.text, #text, p{  
    color:rgb(85, 99, 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(85, 99, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 99, 119) }
```

Border

The CSS property to change the border of an element to XYZ 11.5379, 12.1869, 19.1970 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(85, 99, 119) }
```


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

```
.border{ border-color:rgb(85, 99, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 99, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 99, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 99, 119);  
box-shadow:4px 4px 4px 4px rgb(85, 99,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5379, 12.1869, 19.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 99, 119) }
```

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

```
.background{ background-color: rgb(85, 99,  
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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