

Converting Colors

$Yxy(19.0567, 0.2082, 0.2284)$

Have a look what the booklet for
Yxy(19.0567, 0.2082, 0.2284)
contains.

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Color

$Y_{xy}(19.0560, 0.2082, 0.2284)$

Conversions

Conversions Part 1

Format	Color
Hex	357EB6
RGB	53, 126, 182
RGB Percent	21%, 49%, 71%
CMY	0.7921, 0.5059, 0.2864
CMYK	0.71, 0.31, 0.00, 0.29
HSL	206°, 55%, 46%
HSV	206°, 71%, 71%
XYZ	17.3707, 19.0560, 47.0059
YIQ	110.5570, -61.4840, 1.9400

Conversions

Conversions Part 2

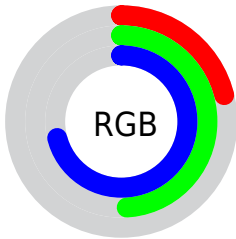
Format	Color
R _Y B	53, 100, 182
Decimal	3505846
CIE Lab	50.75, -3.98, -36.07
CIE LCh	51, 36.285, 263.701
Yxy	19.0560, 0.2082, 0.2284
Android (android.graphics.Color)	4281695926 (0xFF357EB6)
YUV	110.5570, 35.2214, -50.4775
Hunter-Lab	43.6532, -5.3636, -33.2865

Details

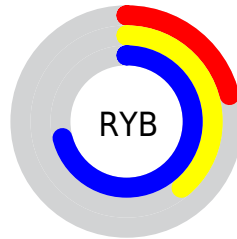
The Yxy color **19.0560, 0.2082, 0.2284** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.1328, 0.4825, 0.4015**, and the grayscale version is **15.6722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.6587, 0.2301, 0.2495**, and **6.8927, 0.1876, 0.1955** is the 20% darker color. If you saturate the color by 10%, you get **16.7127, 0.1978, 0.2116**, and if you desaturate by 10%, it is **21.7473, 0.2205, 0.2451**.

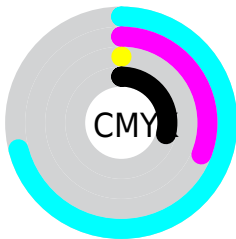
Distribution



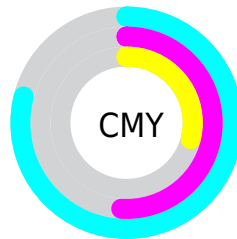
- Red (21%)
- Green (49%)
- Blue (71%)



- Red (21%)
- Yellow (39%)
- Blue (71%)



- Cyan (71%)
- Magenta (31%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0560, 0.2082, 0.2284 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 Yxy color 19.0560, 0.2082, 0.2284 by changing the saturation by 10% instead.

■ 19.0560, 0.2082,
0.2284

■ 19.0560, 0.2082,
0.2284

■ 246.7577, 0.2653,
0.2842

■ 11.7107, 0.1927,
0.2130

■ 41.8287, 0.2300,
0.2499

■ 6.5470, 0.1723,
0.1924

■ 58.0249, 0.2379,
0.2576

■ 3.1805, 0.1447,
0.1643

■ 77.9403, 0.2444,
0.2640

■ 1.2267, 0.1067,
0.1248

■ 101.9592, 0.2499,
0.2693

■ 0.0833, 0.0000,
0.0219

■ 130.4660, 0.2546,
0.2739

■ 0.0000, 0.0000,
0.0000

163.8451, 0.2587,

0.2778

202.4809, 0.2622,
0.2812

■ 19.0560, 0.2082,
0.2284

■ 19.0560, 0.2082,
0.2284

■ 16.7127, 0.1978,
0.2116

■ 21.7473, 0.2205,
0.2451

■ 14.6892, 0.1895,
0.1951

■ 24.8072, 0.2344,
0.2614

■ 13.0768, 0.1835,
0.1805

■ 28.2564, 0.2492,
0.2769

■ 32.1132, 0.2648,
0.2914

■ 36.3945, 0.2805,
0.3049

■ 41.1161, 0.2961,
0.3171

■ 46.2928, 0.3114,
0.3281

■ 51.9388, 0.3261,
0.3379

■ 58.0672, 0.3402,
0.3467

Harmonies

Analogous

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



19.0560, 0.1931, 0.2564



19.0560, 0.2082, 0.2284



19.0560, 0.2487, 0.2256

Triad

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



19.0560, 0.2082, 0.2284



19.0560, 0.4333, 0.3285



19.0560, 0.3029, 0.4396

Complementary

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



19.0560, 0.2082, 0.2284



21.1328, 0.4825, 0.4015

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.



19.0560, 0.3688, 0.4535



19.0560, 0.2082, 0.2284



19.0560, 0.4483, 0.3800

Square

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



19.0560, 0.2082, 0.2284



19.0560, 0.3805, 0.2809



19.0560, 0.4227, 0.4268



19.0560, 0.2431, 0.3823

Rectangle

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



19.0560, 0.2082, 0.2284



19.0560, 0.2882, 0.2360



19.0560, 0.4227, 0.4268



19.0560, 0.3251, 0.4496

Sweetspot

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



19.0566, 0.2082, 0.2284



65.6064, 0.2797, 0.3042



35.3056, 0.2742, 0.4621



14.0038, 0.2754, 0.3006



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



19.0566, 0.2082, 0.2284



28.1967, 0.1929, 0.2024



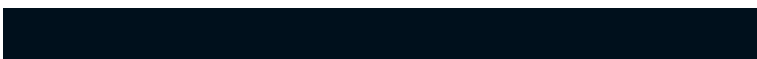
7.5363, 0.1808, 0.1173



9.5402, 0.2985, 0.3188



9.3713, 0.1840, 0.1824



0.4510, 0.1956, 0.2241

Inverse Universe

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



13.9959, 0.4090, 0.2353



21.4576, 0.4406, 0.2302



40.2323, 0.4137, 0.4763



9.0951, 0.3202, 0.3161



7.7284, 0.4657, 0.2339



0.2846, 0.4189, 0.2081

Previews

White Background



This preview shows how the Yxy color 19.0560, 0.2082, 0.2284 looks on a white 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

Black Background



This preview shows how the Yxy color 19.0560, 0.2082, 0.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

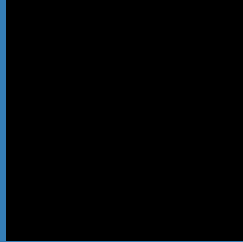
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0560, 0.2082, 0.2284

Background



This preview shows how black text looks on a background with the Yxy color 19.0560, 0.2082, 0.2284.

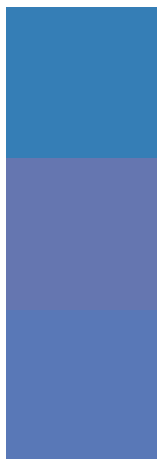


This preview shows how white text looks on a background with the Yxy color 19.0560, 0.2082, 0.2284.

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

19.0560, 0.2082, 0.2284

Protanopia

18.8582, 0.2394, 0.2294

Deuteranopia

18.9757, 0.2259, 0.2212



Tritanopia

18.9374, 0.2213, 0.3056

Trichromacy



Original Color

19.0560, 0.2082, 0.2284

Protanomaly

18.7739, 0.2258, 0.2288

Deuteranomaly

18.8745, 0.2179, 0.2225

Tritanomaly

18.7410, 0.2148, 0.2729

Monochromacy



Original Color

19.0560, 0.2082, 0.2284

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.4706, 0.2605, 0.2864

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0560, 0.2082, 0.2284 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(53, 126, 182)` looks like.

```
.text, #text, p{  
    color:rgb(53, 126, 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(53, 126, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 126, 182) }
```

Border

The CSS property to change the border of an element to Yxy 19.0560, 0.2082, 0.2284 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(53, 126, 182) }
```

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

```
.border{ border-color:rgb(53, 126, 182) }
```

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

Here you see how a box with a 4 pixel rgb(53, 126, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 126, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 126, 182);  
box-shadow:4px 4px 4px 4px rgb(53, 126,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0560, 0.2082, 0.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 126, 182) }
```

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

```
.background{ background-color: rgb(53, 126,  
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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