

Converting Colors

$Yxy(27.1646, 0.2267, 0.2468)$

Have a look what the booklet for
Yxy(27.1646, 0.2267, 0.2468)
contains.

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Color

Yxy(27.1646, 0.2267, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	5A93C7
RGB	90, 147, 199
RGB Percent	35%, 58%, 78%
CMY	0.6473, 0.4235, 0.2197
CMYK	0.55, 0.26, 0.00, 0.22
HSL	209°, 49%, 57%
HSV	209°, 55%, 78%
XYZ	24.9522, 27.1646, 57.9504
YIQ	135.8850, -50.6640, 4.0880

Conversions

Conversions Part 2

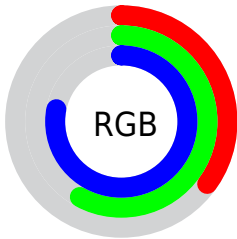
Format	Color
RYB	90, 127, 199
Decimal	5936071
CIELab	59.13, -3.67, -32.55
CIElCh	59, 32.757, 263.575
Yxy	27.1646, 0.2267, 0.2468
Android (android.graphics.Color)	4284126151 (0xFF5A93C7)
YUV	135.8850, 31.1157, -40.2411
Hunter-Lab	52.1197, -5.7527, -29.4391

Details

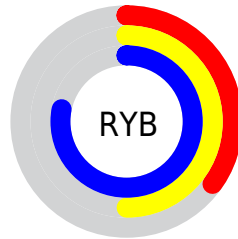
The Yxy color **27.1646, 0.2267, 0.2468** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **32.1938, 0.4313, 0.3961**, and the grayscale version is **24.4660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1963, 0.2442, 0.2644**, and **10.8004, 0.2000, 0.2207** is the 20% darker color. If you saturate the color by 10%, you get **23.4696, 0.2128, 0.2285**, and if you desaturate by 10%, it is **31.3717, 0.2418, 0.2645**.

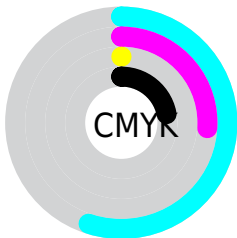
Distribution



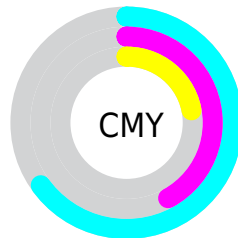
- Red (35%)
- Green (58%)
- Blue (78%)



- Red (35%)
- Yellow (50%)
- Blue (78%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (65%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1646, 0.2267, 0.2468 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 27.1646, 0.2267, 0.2468 by changing the saturation by 10% instead.

■ 27.1646, 0.2267,
0.2468

■ 27.1646, 0.2267,
0.2468

■ 288.4532, 0.2719,
0.2905

■ 17.6969, 0.2150,
0.2353

■ 55.1479, 0.2435,
0.2632

■ 10.7326, 0.1997,
0.2202

■ 74.4322, 0.2497,
0.2692

■ 5.8873, 0.1794,
0.1998

■ 97.7576, 0.2549,
0.2742

■ 2.7767, 0.1512,
0.1712

■ 125.5083, 0.2593,
0.2785

■ 1.0163, 0.1112,
0.1298

■ 158.0689, 0.2631,
0.2821

■ 0.0000, 0.0000,
0.0000

195.8236, 0.2664,

0.2853

239.1569, 0.2693,
0.2880

■ 27.1646, 0.2267,
0.2468

■ 27.1646, 0.2267,
0.2468

■ 23.4696, 0.2128,
0.2285

■ 31.3717, 0.2418,
0.2645

■ 20.2560, 0.2005,
0.2099

■ 36.1130, 0.2577,
0.2811

■ 17.4935, 0.1904,
0.1915

■ 41.4125, 0.2738,
0.2965

■ 15.1451, 0.1826,
0.1737

■ 47.2918, 0.2898,
0.3106

■ 14.0551, 0.1791,
0.1649

■ 53.7710, 0.3054,
0.3234

■ 60.8692, 0.3204,
0.3347

■ 68.6045, 0.3347,
0.3448

■ 76.9943, 0.3481,
0.3537

■ 83.2985, 0.3505,
0.3627

Harmonies

Analogous

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



27.1646, 0.2141, 0.2712



27.1646, 0.2267, 0.2468



27.1646, 0.2608, 0.2436

Triad

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



27.1646, 0.2267, 0.2468



27.1646, 0.4092, 0.3299



27.1646, 0.3063, 0.4158

Complementary

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



27.1646, 0.2267, 0.2468



32.1938, 0.4313, 0.3961

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.



27.1646, 0.3599, 0.4286



27.1646, 0.2267, 0.2468



27.1646, 0.4221, 0.3728

Square

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



27.1646, 0.2267, 0.2468



27.1646, 0.3671, 0.2898



27.1646, 0.4029, 0.4098



27.1646, 0.2571, 0.3717

Rectangle

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



27.1646, 0.2267, 0.2468



27.1646, 0.2933, 0.2521



27.1646, 0.4029, 0.4098



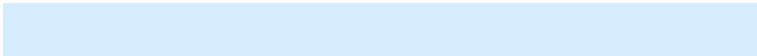
27.1646, 0.3244, 0.4240

Sweetspot

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



27.1656, 0.2267, 0.2468



81.2822, 0.2875, 0.3087



44.9275, 0.2760, 0.4214



16.9258, 0.2842, 0.3058



0.0000, 0.0000, 0.0000



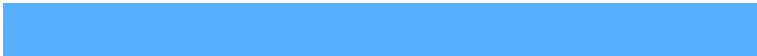
21.4041, 0.3127, 0.3290

Same Dimension

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



27.1656, 0.2267, 0.2468



39.8126, 0.2100, 0.2244



14.2222, 0.2088, 0.1607



11.1908, 0.2983, 0.3177



9.2159, 0.1798, 0.1672



0.5808, 0.1899, 0.2037

Inverse Universe

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



21.5482, 0.3862, 0.2563



31.1151, 0.4116, 0.2447



52.0635, 0.3933, 0.4552



10.7281, 0.3209, 0.3170



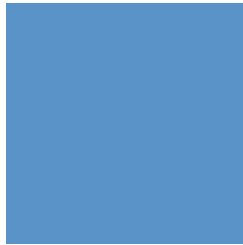
8.4703, 0.4841, 0.2441



0.4156, 0.4411, 0.2204

Previews

White Background



This preview shows how the Yxy color 27.1646, 0.2267, 0.2468 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 27.1646, 0.2267, 0.2468 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 27.1646, 0.2267, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 27.1646, 0.2267, 0.2468.

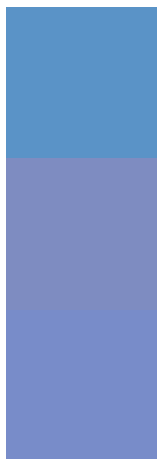


This preview shows how white text looks on a background with the Yxy color 27.1646, 0.2267, 0.2468.

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

27.1646, 0.2267, 0.2468

Protanopia

27.0420, 0.2536, 0.2484

Deuteranopia

26.9663, 0.2435, 0.2373



Tritanopia

27.1134, 0.2407, 0.3059

Trichromacy



Original Color

27.1646, 0.2267, 0.2468

Protanomaly

27.0958, 0.2429, 0.2485

Deuteranomaly

27.0663, 0.2369, 0.2415

Tritanomaly

27.1414, 0.2355, 0.2830

Monochromacy



Original Color

27.1646, 0.2267, 0.2468

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1813, 0.2739, 0.2967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1646, 0.2267, 0.2468 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(90, 147, 199)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 199)  
}
```

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(90, 147, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 199) }
```

Border

The CSS property to change the border of an element to Yxy 27.1646, 0.2267, 0.2468 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(90, 147, 199) }
```

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

```
.border{ border-color:rgb(90, 147, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 147, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 199);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1646, 0.2267, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 199) }
```

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

```
.background{ background-color: rgb(90, 147,  
199) }
```

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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