

Converting Colors

$Yxy(30.5339, 0.2561, 0.2689)$

Have a look what the booklet for
Yxy(30.5339, 0.2561, 0.2689)
contains.

Yxy(30.5780, 0.2567, 0.2698)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5780, 0.2567, 0.2698)

Conversions

Conversions Part 1

Format	Color
Hex	7D98BF
RGB	125, 152, 191
RGB Percent	49%, 60%, 75%
CMY	0.5097, 0.4039, 0.2509
CMYK	0.35, 0.20, 0.00, 0.25
HSL	215°, 34%, 62%
HSV	215°, 35%, 75%
XYZ	29.0933, 30.5780, 53.6645
YIQ	148.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

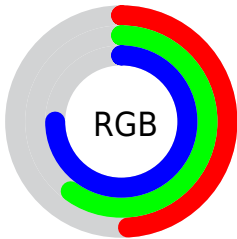
Format	Color
R _Y B	125, 144, 191
Decimal	8231103
CIE Lab	62.15, 0.12, -23.24
CIE LCh	62, 23.241, 270.284
Yxy	30.5780, 0.2567, 0.2698
Android (android.graphics.Color)	4286421183 (0xFF7D98BF)
YUV	148.3730, 21.0151, -20.4981
Hunter-Lab	55.2974, -2.8572, -18.8311

Details

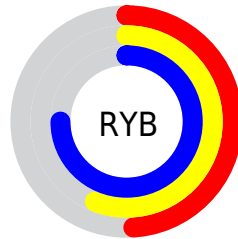
The Yxy color **30.5780, 0.2567, 0.2698** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.1258, 0.3752, 0.3816**, and the grayscale version is **29.7004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4417, 0.2678, 0.2817**, and **12.5300, 0.2388, 0.2511** is the 20% darker color. If you saturate the color by 10%, you get **25.7835, 0.2397, 0.2489**, and if you desaturate by 10%, it is **36.0005, 0.2737, 0.2891**.

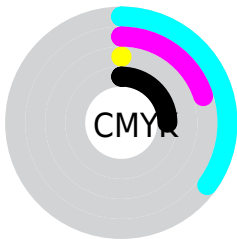
Distribution



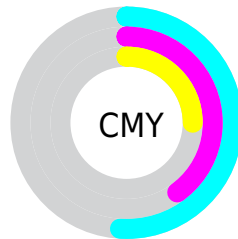
- Red (49%)
- Green (60%)
- Blue (75%)



- Red (49%)
- Yellow (56%)
- Blue (75%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (51%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5780, 0.2567, 0.2698 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 30.5780, 0.2567, 0.2698 by changing the saturation by 10% instead.

■ 30.5780, 0.2567,
0.2698

■ 30.5780, 0.2567,
0.2698

■ 304.5894, 0.2862,
0.3009

■ 20.2777, 0.2489,
0.2616

■ 60.5751, 0.2677,
0.2814

■ 12.5971, 0.2387,
0.2508

■ 81.0406, 0.2718,
0.2857

■ 7.1517, 0.2248,
0.2361

■ 105.6634, 0.2751,
0.2893

■ 3.5571, 0.2048,
0.2150

■ 134.8278, 0.2780,
0.2923

■ 1.4291, 0.1741,
0.1827

■ 168.9182, 0.2805,
0.2949

■ 0.2380, 0.0856,
0.0890

■ 208.3190, 0.2826,

■ 0.0000, 0.0000,

0.2972

0.0000

253.4146, 0.2845,
0.2992

■ 30.5780, 0.2567,
0.2698

■ 30.5780, 0.2567,
0.2698

■ 25.7835, 0.2397,
0.2489

■ 36.0005, 0.2737,
0.2891

■ 21.5878, 0.2230,
0.2269

■ 42.0714, 0.2901,
0.3067

■ 17.9644, 0.2075,
0.2041

■ 48.8144, 0.3059,
0.3224

■ 14.8831, 0.1936,
0.1813

■ 56.2510, 0.3207,
0.3364

■ 12.3099, 0.1820,
0.1592

■ 64.4015, 0.3345,
0.3488

■ 10.2055, 0.1731,
0.1388

■ 73.2853, 0.3472,
0.3597

■ 9.2201, 0.1690,
0.1284

■ 82.2058, 0.3562,
0.3696

■ 88.7358, 0.3536,
0.3803

■ 95.6812, 0.3511,
0.3907

Harmonies

Analogous

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



30.5780, 0.2439, 0.2848



30.5780, 0.2567, 0.2698



30.5780, 0.2843, 0.2699

Triad

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



30.5780, 0.2567, 0.2698



30.5780, 0.3821, 0.3379



30.5780, 0.3011, 0.3813

Complementary

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



30.5780, 0.2567, 0.2698



39.1258, 0.3752, 0.3816

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.



30.5780, 0.3384, 0.3959



30.5780, 0.2567, 0.2698



30.5780, 0.3865, 0.3676

Square

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



30.5780, 0.2567, 0.2698



30.5780, 0.3576, 0.3080



30.5780, 0.3700, 0.3896



30.5780, 0.2683, 0.3498

Rectangle

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



30.5780, 0.2567, 0.2698



30.5780, 0.3083, 0.2778



30.5780, 0.3700, 0.3896



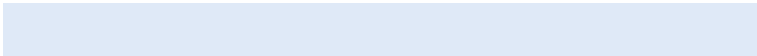
30.5780, 0.3135, 0.3885

Sweetspot

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



30.5792, 0.2567, 0.2698



80.4857, 0.2971, 0.3138



44.2913, 0.2820, 0.3700



17.3017, 0.2949, 0.3115



97.7402, 0.3127, 0.3290



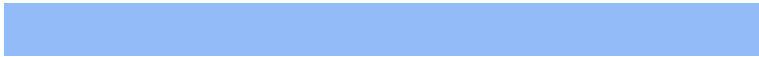
20.4902, 0.3127, 0.3290

Same Dimension

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



30.5792, 0.2567, 0.2698



48.5460, 0.2446, 0.2551



23.2243, 0.2560, 0.2284



9.8485, 0.2984, 0.3151



6.2086, 0.1697, 0.1309



0.3722, 0.1832, 0.1796

Inverse Universe

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



28.0191, 0.3600, 0.2925



43.9804, 0.3741, 0.2848



49.1257, 0.3591, 0.4154



9.5993, 0.3226, 0.3197



7.6565, 0.5314, 0.2701



0.3129, 0.4690, 0.2357

Previews

White Background



This preview shows how the Yxy color 30.5780, 0.2567, 0.2698 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.5780, 0.2567, 0.2698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

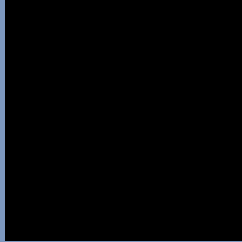
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

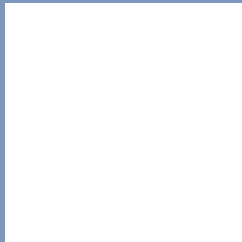
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.5780, 0.2567, 0.2698

Background



This preview shows how black text looks on a background with the Yxy color 30.5780, 0.2567, 0.2698.

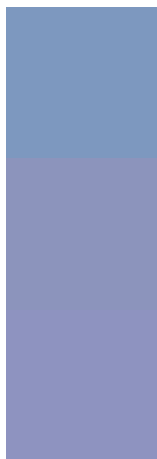


This preview shows how white text looks on a background with the Yxy color 30.5780, 0.2567, 0.2698.

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

30.5780, 0.2567, 0.2698

Protanopia

30.3861, 0.2705, 0.2696

Deuteranopia

30.4240, 0.2690, 0.2631



Tritanopia

30.5972, 0.2701, 0.3096

Trichromacy



Original Color

30.5780, 0.2567, 0.2698

Protanomaly

30.3199, 0.2656, 0.2691

Deuteranomaly

30.5349, 0.2642, 0.2653

Tritanomaly

30.7149, 0.2656, 0.2958

Monochromacy



Original Color

30.5780, 0.2567, 0.2698

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.7507, 0.2902, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5780, 0.2567, 0.2698 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(125, 152, 191)` looks like.

```
.text, #text, p{  
    color:rgb(125, 152, 191)  
}
```

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(125, 152, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 152, 191) }
```

Border

The CSS property to change the border of an element to Yxy 30.5780, 0.2567, 0.2698 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(125, 152, 191) }
```

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

```
.border{ border-color:rgb(125, 152, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 152, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 152, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 152, 191);  
box-shadow:4px 4px 4px 4px rgb(125, 152,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5780, 0.2567, 0.2698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 152, 191) }
```

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

```
.background{ background-color: rgb(125,  
152, 191) }
```

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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