

Converting Colors

$Yxy(17.5412, 0.1978, 0.1534)$

Have a look what the booklet for
Yxy(17.5412, 0.1978, 0.1534)
contains.

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Color

Yxy(17.5726, 0.1978, 0.1537)

Conversions

Conversions Part 1

Format	Color
Hex	5669E2
RGB	86, 105, 226
RGB Percent	34%, 41%, 89%
CMY	0.6628, 0.5882, 0.1138
CMYK	0.62, 0.54, 0.00, 0.11
HSL	232°, 71%, 61%
HSV	232°, 62%, 89%
XYZ	22.6146, 17.5726, 74.1433
YIQ	113.1130, -50.1650, 33.6030

Conversions

Conversions Part 2

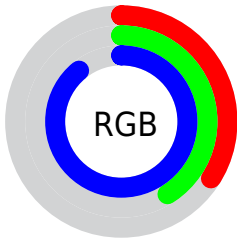
Format	Color
R _Y B	86, 103, 226
Decimal	5663202
CIE Lab	48.97, 29.77, -63.93
CIE LCh	49, 70.522, 294.969
Yxy	17.5726, 0.1978, 0.1537
Android (android.graphics.Color)	4283853282 (0xFF5669E2)
YUV	113.1130, 55.6533, -23.7781
Hunter-Lab	41.9197, 22.9366, -75.5224

Details

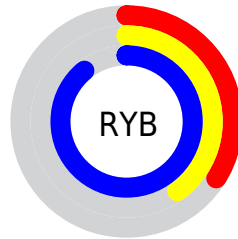
The Yxy color **17.5726, 0.1978, 0.1537** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **61.4524, 0.4114, 0.4567**, and the grayscale version is **16.3921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2928, 0.2354, 0.2083**, and **5.9284, 0.1642, 0.1110** is the 20% darker color. If you saturate the color by 10%, you get **13.1326, 0.1806, 0.1243**, and if you desaturate by 10%, it is **23.2660, 0.2172, 0.1854**.

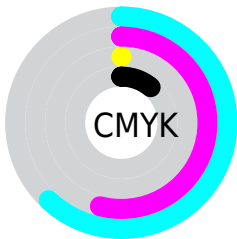
Distribution



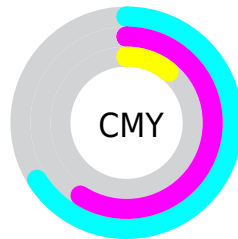
- Red (34%)
- Green (41%)
- Blue (89%)



- Red (34%)
- Yellow (40%)
- Blue (89%)



- Cyan (62%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (59%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.5726, 0.1978, 0.1537 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 17.5726, 0.1978, 0.1537 by changing the saturation by 10% instead.

■ 17.5726, 0.1978,
0.1537

■ 17.5726, 0.1978,
0.1537

■ 238.4508, 0.2607,
0.2406

■ 10.6436, 0.1815,
0.1339

■ 39.3077, 0.2214,
0.1842

■ 5.8277, 0.1608,
0.1102

■ 54.8825, 0.2300,
0.1961

■ 2.7406, 0.1343,
0.0823

■ 74.1081, 0.2373,
0.2062

■ 0.9979, 0.1005,
0.0508

■ 97.3688, 0.2435,
0.2150

■ 0.0000, 0.0592,
0.0000

■ 125.0491, 0.2487,
0.2227

■ 0.0000, 0.0000,
0.0000

157.5332, 0.2532,

0.2294

195.2057, 0.2572,
0.2353

■ 17.5726, 0.1978,
0.1537

■ 17.5726, 0.1978,
0.1537

■ 13.1326, 0.1806,
0.1243

■ 23.2660, 0.2172,
0.1854

■ 9.8480, 0.1668,
0.0991

■ 30.2976, 0.2374,
0.2173

■ 7.6077, 0.1573,
0.0799

■ 38.7463, 0.2574,
0.2480

■ 6.4544, 0.1526,
0.0693

■ 48.6846, 0.2764,
0.2764

■ 60.1799, 0.2939,
0.3021

■ 73.2954, 0.3098,
0.3249

■ 88.0909, 0.3240,
0.3449

■ 98.2704, 0.3298,
0.3572

Harmonies

Analogous

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



17.5726, 0.1351, 0.1520



17.5726, 0.1978, 0.1537



17.5726, 0.3080, 0.1847

Triad

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



17.5726, 0.1978, 0.1537



17.5726, 0.5591, 0.3923



17.5726, 0.1724, 0.4314

Complementary

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



17.5726, 0.1978, 0.1537



61.4524, 0.4114, 0.4567

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.



17.5726, 0.2703, 0.5685



17.5726, 0.1978, 0.1537



17.5726, 0.4900, 0.4828

Square

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



17.5726, 0.1978, 0.1537



17.5726, 0.5517, 0.3133



17.5726, 0.3845, 0.5667



17.5726, 0.1199, 0.2744

Rectangle

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



17.5726, 0.1978, 0.1537



17.5726, 0.4022, 0.2203



17.5726, 0.3845, 0.5667



17.5726, 0.2010, 0.4878

Sweetspot

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



17.5731, 0.1978, 0.1537



68.0748, 0.2815, 0.2839



60.7723, 0.2472, 0.3573



13.6856, 0.2763, 0.2762



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.



17.5731, 0.1978, 0.1537



16.0307, 0.1767, 0.1174



17.2951, 0.2288, 0.1463



13.5420, 0.2981, 0.3081



3.7817, 0.1531, 0.0710



0.3600, 0.1593, 0.0933

Inverse Universe

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



23.8415, 0.4831, 0.3093



25.9630, 0.5383, 0.3097



64.4047, 0.3611, 0.4948



13.7307, 0.3271, 0.3258



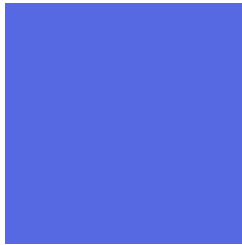
9.2898, 0.6217, 0.3198



0.6538, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 17.5726, 0.1978, 0.1537 looks on a white background.

Color Contrast Check

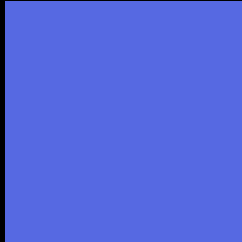
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.5726, 0.1978, 0.1537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

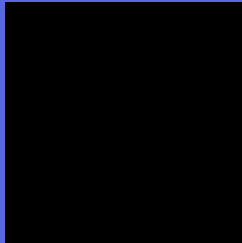
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5726, 0.1978, 0.1537

Background



This preview shows how black text looks on a background with the Yxy color 17.5726, 0.1978, 0.1537.



This preview shows how white text looks on a background with the Yxy color 17.5726, 0.1978, 0.1537.

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

17.5726, 0.1978, 0.1537

Protanopia

17.7476, 0.1780, 0.1502

Deuteranopia

17.4619, 0.1835, 0.1806



Tritanopia

17.4648, 0.2280, 0.3051

Trichromacy



Original Color

17.5726, 0.1978, 0.1537

Protanomaly

17.3286, 0.1824, 0.1500

Deuteranomaly

16.9566, 0.1834, 0.1671

Tritanomaly

16.9658, 0.2129, 0.2324

Monochromacy



Original Color

17.5726, 0.1978, 0.1537

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.3685, 0.2568, 0.2472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5726, 0.1978, 0.1537 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(86, 105, 226)` looks like.

```
.text, #text, p{  
    color:rgb(86, 105, 226)  
}
```

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(86, 105, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 105, 226) }
```

Border

The CSS property to change the border of an element to Yxy 17.5726, 0.1978, 0.1537 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(86, 105, 226) }
```

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

```
.border{ border-color:rgb(86, 105, 226) }
```

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

Here you see how a box with a 4 pixel rgb(86, 105, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 105, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 105, 226);  
box-shadow:4px 4px 4px 4px rgb(86, 105,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5726, 0.1978, 0.1537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 105, 226) }
```

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

```
.background{ background-color: rgb(86, 105,  
226) }
```

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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