

Converting Colors

$Y_{xy}(17.2164, 0.2259, 0.1558)$

Have a look what the booklet for
Yxy(17.2164, 0.2259, 0.1558)
contains.

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Color

Yxy(17.2506, 0.2262, 0.1559)

Conversions

Conversions Part 1

Format	Color
Hex	7D5DDA
RGB	125, 93, 218
RGB Percent	49%, 36%, 85%
CMY	0.5099, 0.6353, 0.1449
CMYK	0.43, 0.57, 0.00, 0.14
HSL	255°, 63%, 61%
HSV	255°, 57%, 86%
XYZ	25.0294, 17.2506, 68.3717
YIQ	116.8180, -21.0530, 45.6590

Conversions

Conversions Part 2

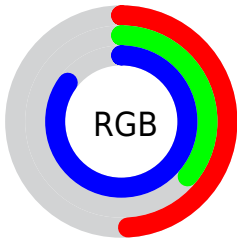
Format	Color
R_{YB}	125, 93, 218
Decimal	8216026
CIE _{Lab}	48.57, 42.15, -59.93
CIE _{LCh}	49, 73.267, 305.118
Yxy	17.2506, 0.2262, 0.1559
Android (android.graphics.Color)	4286406106 (0xFF7D5DDA)
YUV	116.8180, 49.8827, 7.1756
Hunter-Lab	41.5338, 34.8847, -68.5276

Details

The Yxy color **17.2506, 0.2262, 0.1559** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **61.4034, 0.3684, 0.4781**, and the grayscale version is **17.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2338, 0.2583, 0.2023**, and **5.6787, 0.1947, 0.1131** is the 20% darker color. If you saturate the color by 10%, you get **12.8311, 0.2084, 0.1261**, and if you desaturate by 10%, it is **22.9617, 0.2442, 0.1882**.

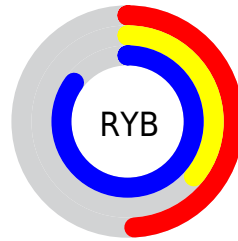
Distribution



Red (49%)

Green (36%)

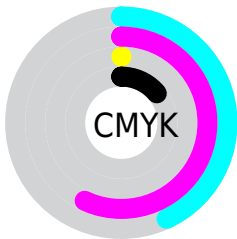
Blue (85%)



Red (49%)

Yellow (36%)

Blue (85%)

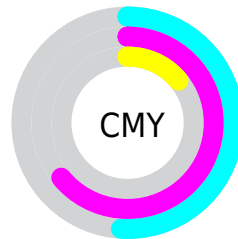


Cyan (43%)

Magenta (57%)

Yellow (0%)

Black (14%)



Cyan (51%)


Magenta (64%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2506, 0.2262, 0.1559 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 17.2506, 0.2262, 0.1559 by changing the saturation by 10% instead.


 17.2506, 0.2262,
0.1559


 17.2506, 0.2262,
0.1559


236.6124, 0.2757,
0.2413


 10.4133, 0.2125,
0.1363


 38.7561, 0.2454,
0.1859


 5.6739, 0.1945,
0.1128


 54.1932, 0.2523,
0.1976

 2.6478, 0.1702,
0.0848

 73.2656, 0.2579,
0.2075

 0.9508, 0.1372,
0.0528

 96.3579, 0.2627,
0.2162

 0.0000, 0.0950,
0.0000

123.8542, 0.2667,
0.2237

 0.0000, 0.0000,
0.0000

156.1392, 0.2702,

0.2303

193.5971, 0.2731,
0.2361

■ 17.2506, 0.2262,
0.1559

■ 17.2506, 0.2262,
0.1559

■ 12.8311, 0.2084,
0.1261

■ 22.9617, 0.2442,
0.1882

■ 9.5963, 0.1918,
0.1009

■ 30.0559, 0.2615,
0.2212

■ 7.4242, 0.1777,
0.0821


■ 38.6184, 0.2776,
0.2532

■ 6.1529, 0.1667,
0.0703


■ 48.7267, 0.2919,
0.2832


■ 5.8988, 0.1643,
0.0679

■ 60.4531, 0.3045,
0.3106

 73.8651, 0.3154,
0.3353

 89.0263, 0.3248,
0.3572

 97.8063, 0.3344,
0.3651

 97.8444, 0.3345,
0.3651

Harmonies

Analogous

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



17.2506, 0.1464, 0.1437



17.2506, 0.2262, 0.1559



17.2506, 0.3561, 0.1971

Triad

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



17.2506, 0.2262, 0.1559



17.2506, 0.5487, 0.4213



17.2506, 0.1428, 0.3740

Complementary

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



17.2506, 0.2262, 0.1559



61.4034, 0.3684, 0.4781

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.



17.2506, 0.2290, 0.5462



17.2506, 0.2262, 0.1559



17.2506, 0.4589, 0.5185

Square

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



17.2506, 0.2262, 0.1559



17.2506, 0.5749, 0.3370



17.2506, 0.3441, 0.5924



17.2506, 0.1065, 0.2319

Rectangle

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



17.2506, 0.2262, 0.1559



17.2506, 0.4558, 0.2384



17.2506, 0.3441, 0.5924



17.2506, 0.1661, 0.4352

Sweetspot

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



17.2512, 0.2262, 0.1559



69.7788, 0.2922, 0.2837



42.8403, 0.2318, 0.2846



14.2692, 0.2894, 0.2779



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.



17.2512, 0.2262, 0.1559



17.1087, 0.2045, 0.1199



23.4299, 0.2861, 0.1811



12.7774, 0.3020, 0.3051



3.5761, 0.1655, 0.0685



0.2728, 0.1823, 0.0778

Inverse Universe

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



26.2881, 0.3554, 0.2240



31.5118, 0.3680, 0.2083



55.2615, 0.3224, 0.5032



13.2150, 0.3177, 0.3118



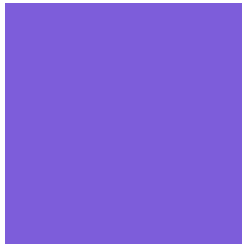
10.5160, 0.3979, 0.1966



0.6949, 0.3827, 0.1882

Previews

White Background



This preview shows how the Yxy color 17.2506, 0.2262, 0.1559 looks on a white background.

Color Contrast Check

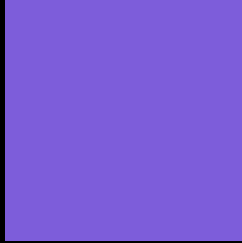
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2506, 0.2262, 0.1559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

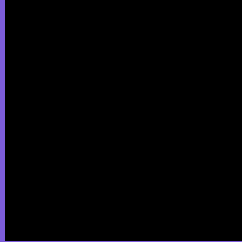
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.2506, 0.2262, 0.1559

Background



This preview shows how black text looks on a background with the Yxy color 17.2506, 0.2262, 0.1559.

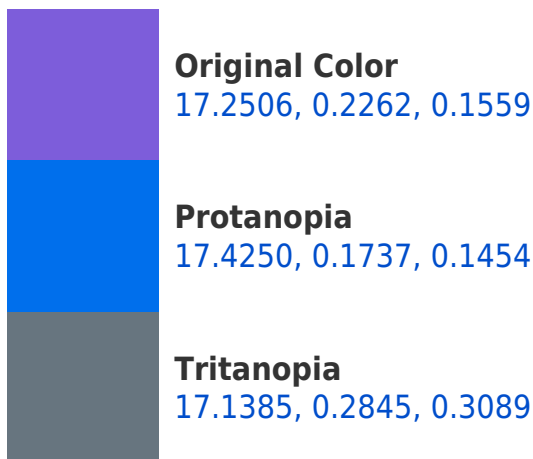


This preview shows how white text looks on a background with the Yxy color 17.2506, 0.2262, 0.1559.

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



Trichromacy



Original Color

17.2506, 0.2262, 0.1559



Protanomaly

16.1157, 0.1794, 0.1433



Tritanomaly

16.6427, 0.2594, 0.2364

Monochromacy



Original Color

17.2506, 0.2262, 0.1559



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

17.0513, 0.2751, 0.2476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2506, 0.2262, 0.1559 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, 93, 218)` looks like.

```
.text, #text, p{  
    color:rgb(125, 93, 218)  
}
```

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, 93, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 93, 218) }
```

Border

The CSS property to change the border of an element to Yxy 17.2506, 0.2262, 0.1559 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, 93, 218) }
```

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

```
.border{ border-color:rgb(125, 93, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 93, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 93, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 93, 218);  
box-shadow:4px 4px 4px 4px rgb(125, 93,  
218) }
```

Background

The CSS property to change the background color of an element to Yxy 17.2506, 0.2262, 0.1559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 93, 218) }
```

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

```
.background{ background-color: rgb(125, 93,  
218) }
```

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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