

Converting Colors

$Y_{xy}(19.5674, 0.2710, 0.2467)$

Have a look what the booklet for
Yxy(19.5674, 0.2710, 0.2467)
contains.

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Color

Yxy(19.5674, 0.2710, 0.2467)

Conversions

Conversions Part 1

Format	Color
Hex	7D74A5
RGB	125, 116, 165
RGB Percent	49%, 45%, 65%
CMY	0.5099, 0.5451, 0.3528
CMYK	0.24, 0.30, 0.00, 0.35
HSL	251°, 21%, 55%
HSV	251°, 30%, 65%
XYZ	21.4948, 19.5674, 38.2544
YIQ	124.2770, -10.3650, 17.1470

Conversions

Conversions Part 2

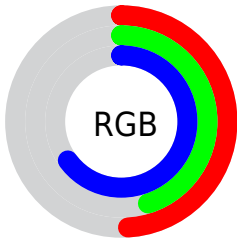
Format	Color
R_{YB}	125, 116, 165
Decimal	8221861
CIE _{Lab}	51.34, 14.35, -25.01
CIE _{LCh}	51, 28.837, 299.840
Yxy	19.5674, 0.2710, 0.2467
Android (android.graphics.Color)	4286411941 (0xFF7D74A5)
YUV	124.2770, 20.0764, 0.6341
Hunter-Lab	44.2351, 9.3258, -20.3093

Details

The Yxy color $19.5674, 0.2710, 0.2467$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $35.2538, 0.3474, 0.4038$, and the grayscale version is $20.1876, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.6375, 0.2804, 0.2641$, and $6.8224, 0.2540, 0.2180$ is the 20% darker color. If you saturate the color by 10%, you get $15.1490, 0.2536, 0.2144$, and if you desaturate by 10%, it is $24.8008, 0.2868, 0.2770$.

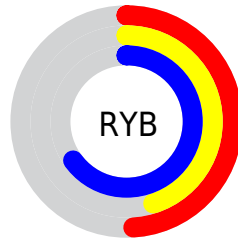
Distribution



Red (49%)

Green (45%)

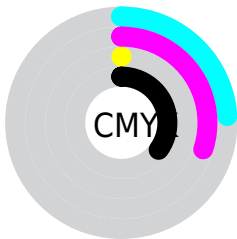
Blue (65%)



Red (49%)

Yellow (45%)

Blue (65%)

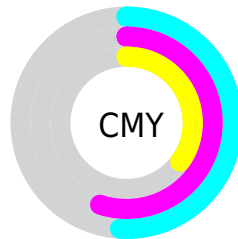


Cyan (24%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.5674, 0.2710, 0.2467 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 19.5674, 0.2710, 0.2467 by changing the saturation by 10% instead.

■ 19.5674, 0.2710,
0.2467

■ 19.5674, 0.2710,
0.2467

■ 249.5635, 0.2950,
0.2915

■ 12.0810, 0.2638,
0.2343

■ 42.6907, 0.2806,
0.2639

■ 6.7989, 0.2537,
0.2177

■ 59.0964, 0.2839,
0.2700

■ 3.3366, 0.2388,
0.1945

■ 79.2439, 0.2866,
0.2752

■ 1.3099, 0.2148,
0.1601

■ 103.5177, 0.2889,
0.2795

■ 0.1488, 0.1699,
0.0514

■ 132.3022, 0.2908,
0.2831

■ 0.0000, 0.0000,
0.0000

165.9817, 0.2924,

0.2863

204.9407, 0.2938,
0.2891

■ 19.5674, 0.2710,
0.2467

■ 19.5674, 0.2710,
0.2467

■ 15.1490, 0.2536,
0.2144

■ 24.8008, 0.2868,
0.2770

■ 11.5021, 0.2352,
0.1812

■ 30.8854, 0.3008,
0.3048

■ 8.5825, 0.2164,
0.1488

■ 37.8576, 0.3131,
0.3297

■ 6.3405, 0.1982,
0.1193

■ 45.7515, 0.3236,
0.3518

■ 4.7201, 0.1821,
0.0947

■ 54.5989, 0.3327,
0.3711

■ 3.6562, 0.1689,
0.0768

■ 64.4304, 0.3404,
0.3881

■ 3.0138, 0.1593,
0.0653

■ 75.2751, 0.3470,
0.4029

■ 2.9973, 0.1590,
0.0650

■ 87.1609, 0.3526,
0.4158

■ 93.8838, 0.3601,
0.4191

Harmonies

Analogous

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



19.5674, 0.2335, 0.2458



19.5674, 0.2710, 0.2467



19.5674, 0.3231, 0.2655

Triad

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



19.5674, 0.2710, 0.2467



19.5674, 0.4187, 0.3806



19.5674, 0.2497, 0.3596

Complementary

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



19.5674, 0.2710, 0.2467



35.2538, 0.3474, 0.4038

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.



19.5674, 0.2956, 0.4072



19.5674, 0.2710, 0.2467



19.5674, 0.3941, 0.4143

Square

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



19.5674, 0.2710, 0.2467



19.5674, 0.4127, 0.3389



19.5674, 0.3485, 0.4269



19.5674, 0.2218, 0.3058

Rectangle

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



19.5674, 0.2710, 0.2467



19.5674, 0.3597, 0.2861



19.5674, 0.3485, 0.4269



19.5674, 0.2634, 0.3774

Sweetspot

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



19.5682, 0.2710, 0.2467



55.9282, 0.3015, 0.3062



30.4965, 0.2693, 0.3155



11.8734, 0.2997, 0.3026



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.5682, 0.2710, 0.2467



29.3819, 0.2591, 0.2244



21.5693, 0.2972, 0.2526



6.9195, 0.3014, 0.3060



2.2832, 0.1597, 0.0653



0.0643, 0.1900, 0.0820

Inverse Universe

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



22.8957, 0.3264, 0.2691



36.4160, 0.3303, 0.2550



33.1148, 0.3239, 0.4097



7.1798, 0.3164, 0.3108



7.3766, 0.3724, 0.1825



0.1605, 0.3509, 0.1706

Previews

White Background



This preview shows how the Yxy color 19.5674, 0.2710, 0.2467 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 19.5674, 0.2710, 0.2467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

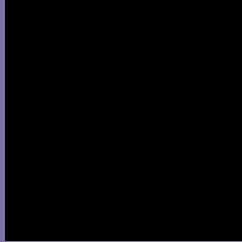
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.5674, 0.2710, 0.2467

Background



This preview shows how black text looks on a background with the Yxy color 19.5674, 0.2710, 0.2467.



This preview shows how white text looks on a background with the Yxy color 19.5674, 0.2710, 0.2467.

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

19.5674, 0.2710, 0.2467

Protanopia

19.7275, 0.2517, 0.2460

Deuteranopia

19.7346, 0.2586, 0.2540



Tritanopia

19.5069, 0.2981, 0.3104

Trichromacy



Original Color

19.5674, 0.2710, 0.2467

Protanomaly

19.5982, 0.2577, 0.2451

Deuteranomaly

19.5870, 0.2631, 0.2514

Tritanomaly

19.5115, 0.2876, 0.2858

Monochromacy



Original Color

19.5674, 0.2710, 0.2467

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.8239, 0.2964, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.5674, 0.2710, 0.2467 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, 116, 165)` looks like.

```
.text, #text, p{  
    color:rgb(125, 116, 165)  
}
```

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, 116, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 116, 165) }
```

Border

The CSS property to change the border of an element to Yxy 19.5674, 0.2710, 0.2467 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, 116, 165) }
```

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

```
.border{ border-color:rgb(125, 116, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 116, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 116, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 116, 165);  
box-shadow:4px 4px 4px 4px rgb(125, 116,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 19.5674, 0.2710, 0.2467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 116, 165) }
```

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

```
.background{ background-color: rgb(125,  
116, 165) }
```

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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