

Converting Colors

$Y_{xy}(10.7662, 0.2835, 0.2509)$

Have a look what the booklet for
Yxy(10.7662, 0.2835, 0.2509)
contains.

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Color

Yxy(10.8274, 0.2846, 0.2524)

Conversions

Conversions Part 1

Format	Color
Hex	65567A
RGB	101, 86, 122
RGB Percent	40%, 34%, 48%
CMY	0.6039, 0.6628, 0.5215
CMYK	0.17, 0.30, 0.00, 0.52
HSL	265°, 17%, 41%
HSV	265°, 30%, 48%
XYZ	12.2087, 10.8274, 19.8617
YIQ	94.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

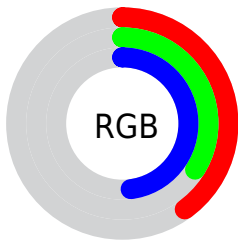
Format	Color
R_{YB}	101, 86, 122
Decimal	6641274
CIE _{Lab}	39.29, 13.97, -18.10
CIE _{LCh}	39, 22.864, 307.653
Yxy	10.8274, 0.2846, 0.2524
Android (android.graphics.Color)	4284831354 (0xFF65567A)
YUV	94.5890, 13.5136, 5.6224
Hunter-Lab	32.9050, 8.6449, -12.7543

Details

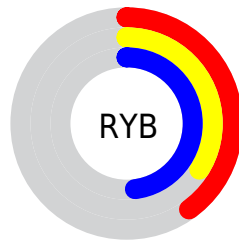
The Yxy color **10.8274, 0.2846, 0.2524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **17.7188, 0.3351, 0.4039**, and the grayscale version is **11.3087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3789, 0.2915, 0.2707**, and **2.8238, 0.2674, 0.2180** is the 20% darker color. If you saturate the color by 10%, you get **8.6500, 0.2725, 0.2233**, and if you desaturate by 10%, it is **13.3739, 0.2954, 0.2802**.

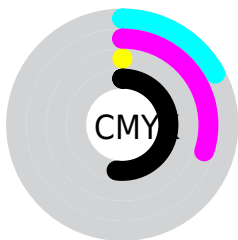
Distribution



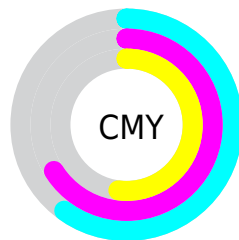
- Red (40%)
- Green (34%)
- Blue (48%)



- Red (40%)
- Yellow (34%)
- Blue (48%)



- Cyan (17%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (66%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.8274, 0.2846, 0.2524 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 10.8274, 0.2846, 0.2524 by changing the saturation by 10% instead.

10.8274, 0.2846,
0.2524

10.8274, 0.2846,
0.2524

196.4796, 0.3024,
0.2978

5.9509, 0.2781,
0.2378

27.3406, 0.2923,
0.2710

2.8152, 0.2680,
0.2167

39.7460, 0.2948,
0.2774

1.0361, 0.2504,
0.1835

55.4299, 0.2968,
0.2824

0.0000, 0.1820,
0.0000

74.7766, 0.2983,
0.2866

0.0000, 0.0000,
0.0000

98.1705, 0.2996,
0.2901

125.9960, 0.3007,

0.2931

158.6376, 0.3016,
0.2956

■ 10.8274, 0.2846,
0.2524

■ 10.8274, 0.2846,
0.2524

■ 8.6500, 0.2725,
0.2233

■ 13.3739, 0.2954,
0.2802

■ 6.8226, 0.2592,
0.1938

■ 16.3047, 0.3049,
0.3062

■ 5.3262, 0.2451,
0.1651

■ 19.6357, 0.3131,
0.3301

■ 4.1397, 0.2307,
0.1385

■ 23.3817, 0.3201,
0.3518

■ 3.2392, 0.2166,
0.1156

■ 27.5566, 0.3260,
0.3713

■ 2.5972, 0.2033,
0.0975

■ 32.1735, 0.3311,
0.3888

■ 2.1275, 0.1913,
0.0831

■ 37.2452, 0.3353,
0.4044

■ 2.1057, 0.1907,
0.0824

■ 42.7839, 0.3388,
0.4183

■ 48.8012, 0.3418,
0.4306

Harmonies

Analogous

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



10.8274, 0.2437, 0.2468



10.8274, 0.2846, 0.2524



10.8274, 0.3369, 0.2746

Triad

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



10.8274, 0.2846, 0.2524



10.8274, 0.4116, 0.3889



10.8274, 0.2428, 0.3447

Complementary

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



10.8274, 0.2846, 0.2524



17.7188, 0.3351, 0.4039

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.



10.8274, 0.2836, 0.3942



10.8274, 0.2846, 0.2524



10.8274, 0.3816, 0.4172

Square

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



10.8274, 0.2846, 0.2524



10.8274, 0.4138, 0.3495



10.8274, 0.3343, 0.4216



10.8274, 0.2212, 0.2949

Rectangle

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



10.8274, 0.2846, 0.2524



10.8274, 0.3709, 0.2966



10.8274, 0.3343, 0.4216



10.8274, 0.2546, 0.3624

Sweetspot

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



10.8278, 0.2846, 0.2524



28.8449, 0.3052, 0.3070



13.9000, 0.2686, 0.2961



6.4451, 0.3041, 0.3040



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



10.8278, 0.2846, 0.2524



16.5489, 0.2771, 0.2341



11.9830, 0.3114, 0.2583



3.9676, 0.3053, 0.3073



2.2119, 0.1905, 0.0823



10.0752, 0.1854, 0.0795

Inverse Universe

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



11.8548, 0.3390, 0.2869



18.6832, 0.3465, 0.2775



16.7170, 0.3125, 0.4094



4.0506, 0.3195, 0.3166



4.8354, 0.4554, 0.2282



22.8925, 0.4643, 0.2332

Previews

White Background



This preview shows how the Yxy color 10.8274, 0.2846, 0.2524 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 10.8274, 0.2846, 0.2524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

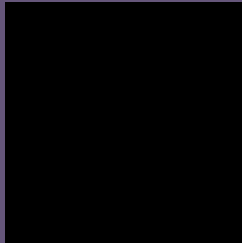
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8274, 0.2846, 0.2524

Background



This preview shows how black text looks on a background with the Yxy color 10.8274, 0.2846, 0.2524.



This preview shows how white text looks on a background with the Yxy color 10.8274, 0.2846, 0.2524.

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

10.8274, 0.2846, 0.2524

Protanopia

10.8275, 0.2567, 0.2509

Deuteranopia

10.8411, 0.2660, 0.2614



Tritanopia

10.9054, 0.3119, 0.3128

Trichromacy



Original Color

10.8274, 0.2846, 0.2524

Protanomaly

10.7991, 0.2662, 0.2501

Deuteranomaly

10.7494, 0.2722, 0.2581

Tritanomaly

10.8030, 0.3006, 0.2883

Monochromacy



Original Color

10.8274, 0.2846, 0.2524

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.2156, 0.3019, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8274, 0.2846, 0.2524 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(101, 86, 122)` looks like.

```
.text, #text, p{  
    color:rgb(101, 86, 122)  
}
```

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(101, 86, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 86, 122) }
```

Border

The CSS property to change the border of an element to Yxy 10.8274, 0.2846, 0.2524 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(101, 86, 122) }
```

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

```
.border{ border-color:rgb(101, 86, 122) }
```

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

Here you see how a box with a 4 pixel rgb(101, 86, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 86, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 86, 122);  
box-shadow:4px 4px 4px 4px rgb(101, 86,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8274, 0.2846, 0.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 86, 122) }
```

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

```
.background{ background-color: rgb(101, 86,  
122) }
```

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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