

Converting Colors

$Y_{xy}(10.1088, 0.2815, 0.2522)$

Have a look what the booklet for
Yxy(10.1088, 0.2815, 0.2522)
contains.

Yxy(10.1594, 0.2810, 0.2521)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(10.1594, 0.2810, 0.2521)

Conversions

Conversions Part 1

Format	Color
Hex	605477
RGB	96, 84, 119
RGB Percent	38%, 33%, 47%
CMY	0.6235, 0.6706, 0.5333
CMYK	0.19, 0.29, 0.00, 0.53
HSL	261°, 17%, 40%
HSV	261°, 29%, 47%
XYZ	11.3240, 10.1594, 18.8156
YIQ	91.5780, -4.0830, 13.4290

Conversions

Conversions Part 2

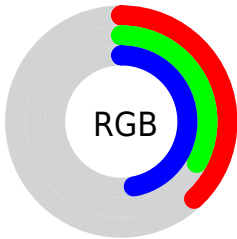
Format	Color
R_YB	96, 84, 119
Decimal	6313079
CIE Lab	38.13, 12.73, -18.08
CIE LCh	38, 22.107, 305.144
Yxy	10.1594, 0.2810, 0.2521
Android (android.graphics.Color)	4284503159 (0xFF605477)
YUV	91.5780, 13.5190, 3.8781
Hunter-Lab	31.8738, 7.6378, -12.6882

Details

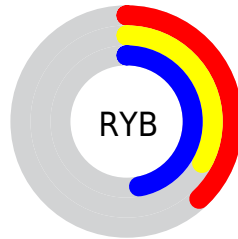
The Yxy color **10.1594, 0.2810, 0.2521** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.9584, 0.3385, 0.4025**, and the grayscale version is **10.5701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.1935, 0.2901, 0.2722**, and **2.5462, 0.2633, 0.2164** is the 20% darker color. If you saturate the color by 10%, you get **8.0636, 0.2674, 0.2224**, and if you desaturate by 10%, it is **12.6121, 0.2932, 0.2803**.

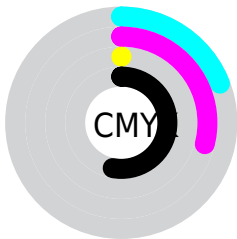
Distribution



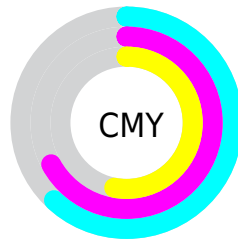
- Red (38%)
- Green (33%)
- Blue (47%)



- Red (38%)
- Yellow (33%)
- Blue (47%)



- Cyan (19%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (67%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.1594, 0.2810, 0.2521 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 10.1594, 0.2810, 0.2521 by changing the saturation by 10% instead.

■ 10.1594, 0.2810,
0.2521

■ 10.1594, 0.2810,
0.2521

■ 191.8060, 0.3011,
0.2981

■ 5.5048, 0.2736,
0.2371

■ 26.0949, 0.2898,
0.2712

■ 2.5464, 0.2621,
0.2150

■ 38.1445, 0.2926,
0.2776

■ 0.8998, 0.2418,
0.1799

■ 53.4280, 0.2948,
0.2827

■ 0.0000, 0.0985,
0.0000

■ 72.3296, 0.2965,
0.2869

■ 0.0000, 0.0000,
0.0000

■ 95.2338, 0.2980,
0.2904

122.5250, 0.2992,

0.2934

154.5876, 0.3002,
0.2959

■ 10.1594, 0.2810,
0.2521

■ 10.1594, 0.2810,
0.2521

■ 8.0636, 0.2674,
0.2224

■ 12.6121, 0.2932,
0.2803

■ 6.3063, 0.2527,
0.1921

■ 15.4363, 0.3039,
0.3065

■ 4.8695, 0.2371,
0.1623

■ 18.6475, 0.3132,
0.3303

■ 3.7328, 0.2213,
0.1347

■ 22.2596, 0.3212,
0.3519

■ 2.8734, 0.2062,
0.1107

■ 26.2862, 0.3281,
0.3712

■ 2.2650, 0.1923,
0.0919

■ 30.7399, 0.3339,
0.3883

■ 1.8242, 0.1801,
0.0771

■ 35.6329, 0.3388,
0.4035

■ 1.7994, 0.1794,
0.0762

■ 40.9771, 0.3430,
0.4170

■ 46.7836, 0.3465,
0.4290

Harmonies

Analogous

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



10.1594, 0.2419, 0.2481



10.1594, 0.2810, 0.2521



10.1594, 0.3322, 0.2729

Triad

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



10.1594, 0.2810, 0.2521



10.1594, 0.4117, 0.3853



10.1594, 0.2464, 0.3490

Complementary

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



10.1594, 0.2810, 0.2521



16.9584, 0.3385, 0.4025

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.



10.1594, 0.2879, 0.3967



10.1594, 0.2810, 0.2521



10.1594, 0.3841, 0.4146

Square

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



10.1594, 0.2810, 0.2521



10.1594, 0.4114, 0.3460



10.1594, 0.3384, 0.4212



10.1594, 0.2232, 0.2990

Rectangle

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



10.1594, 0.2810, 0.2521



10.1594, 0.3663, 0.2940



10.1594, 0.3384, 0.4212



10.1594, 0.2585, 0.3662

Sweetspot

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



10.1598, 0.2810, 0.2521



27.7409, 0.3041, 0.3069



13.8014, 0.2696, 0.3030



6.4197, 0.3029, 0.3039



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.



10.1598, 0.2810, 0.2521



15.6907, 0.2723, 0.2330



11.1944, 0.3069, 0.2577



3.6453, 0.3043, 0.3074



1.9069, 0.1791, 0.0761



8.8606, 0.1742, 0.0733

Inverse Universe

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



11.3241, 0.3346, 0.2821



18.1540, 0.3409, 0.2715



15.9983, 0.3161, 0.4079



3.7376, 0.3184, 0.3152



4.7522, 0.4265, 0.2123



22.9927, 0.4337, 0.2163

Previews

White Background



This preview shows how the Yxy color 10.1594, 0.2810, 0.2521 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 10.1594, 0.2810, 0.2521 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 10.1594, 0.2810, 0.2521

Background



This preview shows how black text looks on a background with the Yxy color 10.1594, 0.2810, 0.2521.



This preview shows how white text looks on a background with the Yxy color 10.1594, 0.2810, 0.2521.

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

10.1594, 0.2810, 0.2521

Protanopia

10.2803, 0.2556, 0.2513

Deuteranopia

10.1265, 0.2648, 0.2596



Tritanopia

10.2463, 0.3086, 0.3146

Trichromacy



Original Color

10.1594, 0.2810, 0.2521

Protanomaly

10.2000, 0.2639, 0.2502

Deuteranomaly

10.1991, 0.2713, 0.2586

Tritanomaly

10.1430, 0.2972, 0.2892

Monochromacy



Original Color

10.1594, 0.2810, 0.2521

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.4312, 0.3000, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1594, 0.2810, 0.2521 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(96, 84, 119) looks like.

```
.text, #text, p{  
    color:rgb(96, 84, 119)  
}
```

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(96, 84, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 84, 119) }
```

Border

The CSS property to change the border of an element to Yxy 10.1594, 0.2810, 0.2521 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(96, 84, 119) }
```

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

```
.border{ border-color:rgb(96, 84, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 84, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 84, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 84, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 84,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1594, 0.2810, 0.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 84, 119) }
```

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

```
.background{ background-color: rgb(96, 84,  
119) }
```

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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