

Converting Colors

$Y_{xy}(21.4751, 0.4169, 0.3061)$

Have a look what the booklet for
Yxy(21.4751, 0.4169, 0.3061)
contains.

Yxy(21.4751, 0.4169, 0.3061)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.4751, 0.4169, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	BF6475
RGB	191, 100, 117
RGB Percent	75%, 39%, 46%
CMY	0.2511, 0.6077, 0.5412
CMYK	0.00, 0.48, 0.39, 0.25
HSL	349°, 42%, 57%
HSV	349°, 48%, 75%
XYZ	29.2485, 21.4751, 19.4335
YIQ	129.1470, 48.7790, 24.5790

Conversions

Conversions Part 2

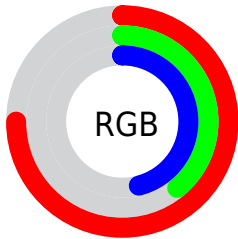
Format	Color
R_{YB}	191, 100, 117
Decimal	12543093
CIE _{Lab}	53.47, 38.15, 7.16
CIE _{LCh}	53, 38.812, 10.635
Yxy	21.4751, 0.4169, 0.3061
Android (android.graphics.Color)	4290733173 (0xFFBF6475)
YUV	129.1470, -5.9885, 54.2451
Hunter-Lab	46.3412, 31.5640, 7.5752

Details

The Yxy color **21.4751, 0.4169, 0.3061** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.0153, 0.2600, 0.3549**, and the grayscale version is **22.0177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9710, 0.3936, 0.3121**, and **7.6946, 0.4585, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **17.8956, 0.4528, 0.3025**, and if you desaturate by 10%, it is **25.9760, 0.3863, 0.3107**.

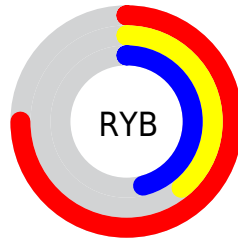
Distribution



Red (75%)

Green (39%)

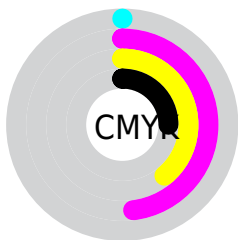
Blue (46%)



Red (75%)

Yellow (39%)

Blue (46%)

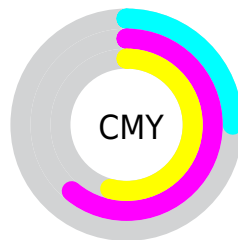


Cyan (0%)

Magenta (48%)

Yellow (39%)

Black (25%)



Cyan (25%)


Magenta (61%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4751, 0.4169, 0.3061 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 21.4751, 0.4169, 0.3061 by changing the saturation by 10% instead.


 21.4751, 0.4169,
0.3061


 21.4751, 0.4169,
0.3061


259.7927, 0.3578,
0.3201


 13.4717, 0.4344,
0.3014


 45.8769, 0.3935,
0.3120

 7.7542, 0.4588,
0.2946


 63.0441, 0.3853,
0.3139

 3.9381, 0.4949,
0.2838

 84.0347, 0.3786,
0.3155

 1.6390, 0.5529,
0.2646

 109.2332, 0.3731,
0.3168

 0.3837, 0.7828,
0.2172

139.0238, 0.3684,
0.3178

 0.0000, 1.0000,
0.0000

173.7910, 0.3643,

 0.0000, 0.0000,

0.3187

0.0000

213.9192, 0.3609,
0.3195

■ 21.4751, 0.4169,
0.3061

■ 21.4751, 0.4169,
0.3061

■ 17.8956, 0.4528,
0.3025

■ 25.9760, 0.3863,
0.3107

■ 15.1704, 0.4930,
0.3007

■ 31.4528, 0.3609,
0.3157

■ 13.2284, 0.5347,
0.3016


■ 37.9597, 0.3401,
0.3207

■ 11.9856, 0.5736,
0.3058


■ 45.5457, 0.3233,
0.3255

■ 11.3199, 0.6050,
0.3127

■ 54.2570, 0.3097,
0.3300

 11.1978, 0.6114,
0.3142

 64.1368, 0.2987,
0.3342

 75.2264, 0.2898,
0.3379

 87.5646, 0.2825,
0.3413

 89.8126, 0.2757,
0.3289

Harmonies

Analogous

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



21.4751, 0.3515, 0.2616



21.4751, 0.4169, 0.3061



21.4751, 0.4507, 0.3579

Triad

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



21.4751, 0.4169, 0.3061



21.4751, 0.3321, 0.4553



21.4751, 0.1957, 0.2349

Complementary

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



21.4751, 0.4169, 0.3061



43.0153, 0.2600, 0.3549

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.



21.4751, 0.1919, 0.2754



21.4751, 0.4169, 0.3061



21.4751, 0.2659, 0.4138

Square

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



21.4751, 0.4169, 0.3061



21.4751, 0.3966, 0.4487



21.4751, 0.2157, 0.3416



21.4751, 0.2259, 0.2214

Rectangle

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



21.4751, 0.4169, 0.3061



21.4751, 0.4492, 0.3928



21.4751, 0.2157, 0.3416



21.4751, 0.1914, 0.2453

Sweetspot

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



21.4762, 0.4169, 0.3061



72.4103, 0.3340, 0.3224



21.7389, 0.2974, 0.2076



15.2740, 0.3379, 0.3213



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



21.4762, 0.4169, 0.3061



31.9050, 0.4539, 0.3024



27.2518, 0.4226, 0.3666



9.5647, 0.3260, 0.3247



7.3705, 0.6085, 0.3126



0.2977, 0.5448, 0.2775

Inverse Universe

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



21.4762, 0.4169, 0.3061



31.9050, 0.4539, 0.3024



32.9101, 0.2425, 0.2863



9.5647, 0.3260, 0.3247



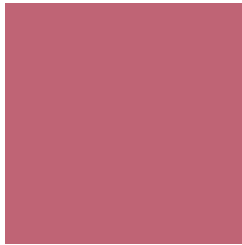
7.3705, 0.6085, 0.3126



0.2977, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 21.4751, 0.4169, 0.3061 looks on a white background.

Color Contrast Check

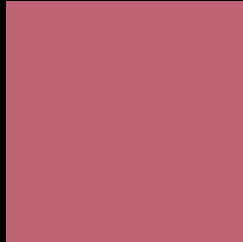
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4751, 0.4169, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

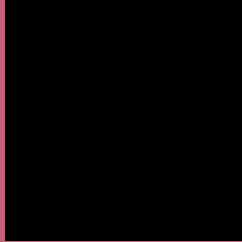
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4751, 0.4169, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 21.4751, 0.4169, 0.3061.



This preview shows how white text looks on a background with the Yxy color 21.4751, 0.4169, 0.3061.

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

21.4751, 0.4169, 0.3061

Protanopia

21.7714, 0.3096, 0.3219

Deuteranopia

21.7185, 0.3532, 0.3480



Tritanopia

21.3586, 0.4270, 0.3184

Trichromacy



Original Color

21.4751, 0.4169, 0.3061

Protanomaly

21.1646, 0.3453, 0.3142

Deuteranomaly

21.1578, 0.3763, 0.3308

Tritanomaly

21.4244, 0.4226, 0.3142

Monochromacy



Original Color

21.4751, 0.4169, 0.3061

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1129, 0.3478, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4751, 0.4169, 0.3061 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(191, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 100, 117)  
}
```

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(191, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 100, 117) }
```

Border

The CSS property to change the border of an element to Yxy 21.4751, 0.4169, 0.3061 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(191, 100, 117) }
```

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

```
.border{ border-color:rgb(191, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 100, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 100, 117); box-shadow:4px 4px 4px 4px rgb(191, 100, 117) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4751, 0.4169, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 100, 117) }
```

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

```
.background{ background-color: rgb(191,  
100, 117) }
```

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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