

Converting Colors

$Y_{xy}(21.0085, 0.4299, 0.3132)$

Have a look what the booklet for
Yxy(21.0085, 0.4299, 0.3132)
contains.

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Color

Yxy(21.0676, 0.4298, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	C0626E
RGB	192, 98, 110
RGB Percent	75%, 38%, 43%
CMY	0.2471, 0.6157, 0.5685
CMYK	0.00, 0.49, 0.43, 0.25
HSL	352°, 43%, 57%
HSV	352°, 49%, 75%
XYZ	28.9200, 21.0676, 17.2995
YIQ	127.4740, 52.1720, 23.6600

Conversions

Conversions Part 2

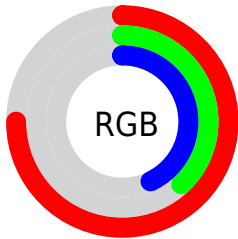
Format	Color
R_{YB}	192, 98, 110
Decimal	12608110
CIE Lab	53.02, 38.78, 10.68
CIE LCh	53, 40.227, 15.400
Yxy	21.0676, 0.4298, 0.3131
Android (android.graphics.Color)	4290798190 (0xFFC0626E)
YUV	127.4740, -8.6147, 56.5893
Hunter-Lab	45.8995, 32.1440, 9.7832

Details

The Yxy color **21.0676, 0.4298, 0.3131** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.5881, 0.2557, 0.3470**, and the grayscale version is **21.4131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2157, 0.4036, 0.3186**, and **7.5428, 0.4766, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **17.5652, 0.4693, 0.3110**, and if you desaturate by 10%, it is **25.5027, 0.3959, 0.3161**.

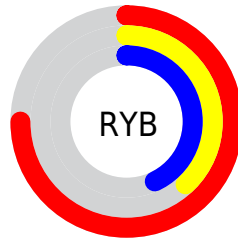
Distribution



Red (75%)

Green (38%)

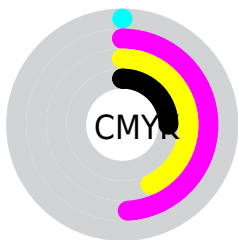
Blue (43%)



Red (75%)

Yellow (38%)

Blue (43%)

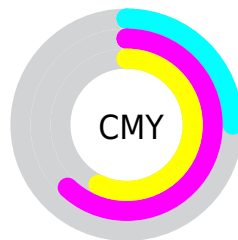


Cyan (0%)

Magenta (49%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0676, 0.4298, 0.3131 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 21.0676, 0.4298, 0.3131 by changing the saturation by 10% instead.


 21.0676, 0.4298,
0.3131


 21.0676, 0.4298,
0.3131


257.6375, 0.3631,
0.3239


 13.1734, 0.4496,
0.3091


 45.2000, 0.4033,
0.3179

 7.5481, 0.4772,
0.3029


 62.2070, 0.3941,
0.3194

 3.8072, 0.5180,
0.2925

 83.0205, 0.3865,
0.3206

 1.5663, 0.5835,
0.2731

 108.0247, 0.3803,
0.3215

 0.3347, 0.8001,
0.1999

137.6041, 0.3750,
0.3223

 0.0000, 1.0000,
0.0000

172.1431, 0.3704,

 0.0000, 0.0000,


0.3229

0.0000


212.0262, 0.3665,
0.3234


 21.0676, 0.4298,
0.3131


 21.0676, 0.4298,
0.3131

 17.5652, 0.4693,
0.3110


 25.5027, 0.3959,
0.3161


 14.9257, 0.5126,
0.3103


 30.9274, 0.3677,
0.3195


 13.0749, 0.5561,
0.3118


 37.3976, 0.3447,
0.3229

 11.9244, 0.5941,
0.3156

 44.9642, 0.3262,
0.3262

 11.3252, 0.6218,
0.3209

 53.6750, 0.3113,
0.3293

 11.2738, 0.6242,
0.3212

 63.5746, 0.2993,
0.3322

 74.7054, 0.2895,
0.3347

 87.1078, 0.2815,
0.3371

 89.9456, 0.2762,
0.3289

Harmonies

Analogous

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



21.0676, 0.3650, 0.2655



21.0676, 0.4298, 0.3131



21.0676, 0.4580, 0.3671

Triad

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



21.0676, 0.4298, 0.3131



21.0676, 0.3211, 0.4578



21.0676, 0.1946, 0.2272

Complementary

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



21.0676, 0.4298, 0.3131



43.5881, 0.2557, 0.3470

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.



21.0676, 0.1862, 0.2643



21.0676, 0.4298, 0.3131



21.0676, 0.2539, 0.4069

Square

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



21.0676, 0.4298, 0.3131



21.0676, 0.3898, 0.4576



21.0676, 0.2060, 0.3296



21.0676, 0.2300, 0.2177

Rectangle

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



21.0676, 0.4298, 0.3131



21.0676, 0.4513, 0.4029



21.0676, 0.2060, 0.3296



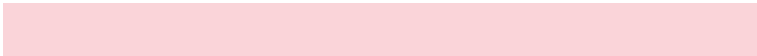
21.0676, 0.1888, 0.2363

Sweetspot

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



21.0687, 0.4298, 0.3131



72.6207, 0.3374, 0.3242



22.1812, 0.3039, 0.2069



14.9762, 0.3415, 0.3234



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.



21.0687, 0.4298, 0.3131



31.2867, 0.4734, 0.3108



28.7177, 0.4223, 0.3760



10.0984, 0.3269, 0.3261



7.5932, 0.6220, 0.3200



0.3351, 0.5737, 0.2934

Inverse Universe

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



21.0687, 0.4298, 0.3131



31.2867, 0.4734, 0.3108



30.6970, 0.2389, 0.2746



10.0984, 0.3269, 0.3261



7.5932, 0.6220, 0.3200



0.3351, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 21.0676, 0.4298, 0.3131 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 21.0676, 0.4298, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

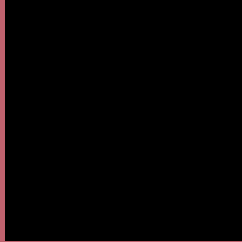
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0676, 0.4298, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 21.0676, 0.4298, 0.3131.



This preview shows how white text looks on a background with the Yxy color 21.0676, 0.4298, 0.3131.

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

21.0676, 0.4298, 0.3131

Protanopia

21.4052, 0.3185, 0.3326

Deuteranopia

21.1627, 0.3639, 0.3566



Tritanopia

21.1708, 0.4352, 0.3199

Trichromacy



Original Color

21.0676, 0.4298, 0.3131

Protanomaly

20.6192, 0.3562, 0.3225

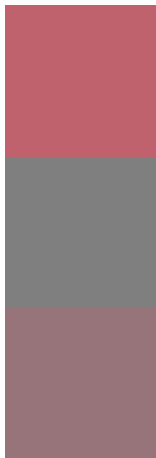
Deuteranomaly

20.6583, 0.3881, 0.3388

Tritanomaly

21.1917, 0.4337, 0.3186

Monochromacy



Original Color

21.0676, 0.4298, 0.3131

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4506, 0.3522, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0676, 0.4298, 0.3131 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(192, 98, 110)` looks like.

```
.text, #text, p{  
    color:rgb(192, 98, 110)  
}
```

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(192, 98, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 98, 110) }
```

Border

The CSS property to change the border of an element to Yxy 21.0676, 0.4298, 0.3131 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(192, 98, 110) }
```

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

```
.border{ border-color:rgb(192, 98, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 98, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 98, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 98, 110);  
box-shadow:4px 4px 4px 4px rgb(192, 98,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0676, 0.4298, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 98, 110) }
```

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

```
.background{ background-color: rgb(192, 98,  
110) }
```

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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