

Converting Colors

$Y_{xy}(20.1977, 0.4473, 0.3333)$

Have a look what the booklet for
Yxy(20.1977, 0.4473, 0.3333)
contains.

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Color

Yxy(20.2530, 0.4474, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	BC625F
RGB	188, 98, 95
RGB Percent	74%, 38%, 37%
CMY	0.2628, 0.6156, 0.6274
CMYK	0.00, 0.48, 0.49, 0.26
HSL	2°, 41%, 55%
HSV	2°, 49%, 74%
XYZ	27.1700, 20.2530, 13.3056
YIQ	124.5680, 54.6030, 18.1470

Conversions

Conversions Part 2

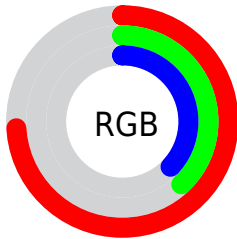
Format	Color
RYB	188, 98, 95
Decimal	12345951
CIELab	52.12, 35.74, 18.20
CIElCh	52, 40.111, 26.990
Yxy	20.2530, 0.4474, 0.3335
Android (android.graphics.Color)	4290536031 (0xFFBC625F)
YUV	124.5680, -14.5770, 55.6299
Hunter-Lab	45.0033, 29.0105, 13.9727

Details

The Yxy color **20.2530, 0.4474, 0.3335** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7530, 0.2478, 0.3242**, and the grayscale version is **20.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6312, 0.4171, 0.3347**, and **7.1610, 0.5023, 0.3279** is the 20% darker color. If you saturate the color by 10%, you get **16.9258, 0.4916, 0.3341**, and if you desaturate by 10%, it is **24.4383, 0.4088, 0.3326**.

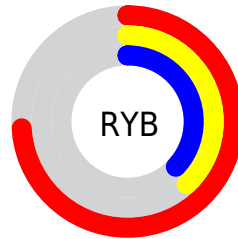
Distribution



Red (74%)

Green (38%)

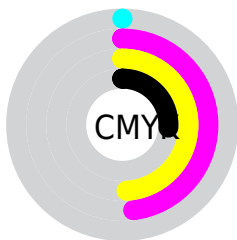
Blue (37%)



Red (74%)

Yellow (38%)

Blue (37%)

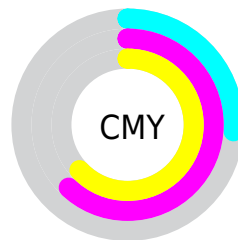


Cyan (0%)

Magenta (48%)

Yellow (49%)

Black (26%)



Cyan (26%)


Magenta (62%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2530, 0.4474, 0.3335 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 20.2530, 0.4474, 0.3335 by changing the saturation by 10% instead.


 20.2530, 0.4474,
0.3335


 20.2530, 0.4474,
0.3335

253.2815, 0.3702,
0.3341

 12.5791, 0.4704,
0.3317


 43.8410, 0.4167,
0.3347


 7.1394, 0.5022,
0.3280


 60.5238, 0.4060,
0.3349

 3.5494, 0.5486,
0.3198

 80.9784, 0.3973,
0.3349

 1.4248, 0.6457,
0.3129

 105.5891, 0.3900,
0.3348

 0.2349, 0.8269,
0.1731

134.7404, 0.3839,
0.3346

 0.0000, 1.0000,
0.0000


168.8166, 0.3787,

 0.0000, 0.0000,


0.3345

0.0000

208.2022, 0.3741,
0.3343


 20.2530, 0.4474,
0.3335


 20.2530, 0.4474,
0.3335

 16.9258, 0.4916,
0.3341


 24.4383, 0.4088,
0.3326


 14.3945, 0.5384,
0.3343

 29.5321, 0.3765,
0.3317

 12.5935, 0.5825,
0.3338


 35.5847, 0.3502,
0.3307


 11.4454, 0.6166,
0.3327

 42.6416, 0.3290,
0.3298

 10.8450, 0.6369,
0.3318

 50.7456, 0.3119,
0.3290

 10.8214, 0.6378,
0.3318

 59.9369, 0.2981,
0.3282

 70.2536, 0.2870,
0.3275

 81.7321, 0.2779,
0.3269

 89.4295, 0.2741,
0.3289

Harmonies

Analogous

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



20.2530, 0.3937, 0.2822



20.2530, 0.4474, 0.3335



20.2530, 0.4579, 0.3884

Triad

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



20.2530, 0.4474, 0.3335



20.2530, 0.2936, 0.4450



20.2530, 0.2042, 0.2195

Complementary

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



20.2530, 0.4474, 0.3335



40.7530, 0.2478, 0.3242

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.



20.2530, 0.1851, 0.2456



20.2530, 0.4474, 0.3335



20.2530, 0.2316, 0.3783

Square

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



20.2530, 0.4474, 0.3335



20.2530, 0.3647, 0.4649



20.2530, 0.1939, 0.3011



20.2530, 0.2500, 0.2196

Rectangle

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



20.2530, 0.4474, 0.3335



20.2530, 0.4402, 0.4229



20.2530, 0.1939, 0.3011



20.2530, 0.1948, 0.2251

Sweetspot

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



20.2540, 0.4474, 0.3335



69.6666, 0.3407, 0.3303



22.4393, 0.3200, 0.2128



14.4170, 0.3453, 0.3305



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



20.2540, 0.4474, 0.3335



30.4145, 0.4939, 0.3341



31.1749, 0.4134, 0.3950



9.5845, 0.3288, 0.3298



7.3902, 0.6372, 0.3322



0.3066, 0.6265, 0.3407

Inverse Universe

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



40.7530, 0.2478, 0.3242



71.7079, 0.2386, 0.3231



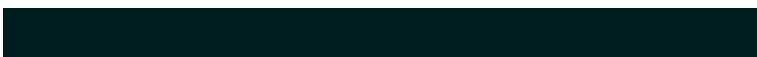
24.8045, 0.2338, 0.2503



10.7552, 0.2985, 0.3282



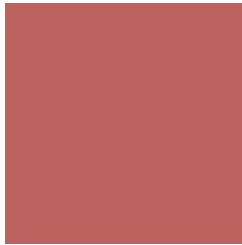
25.2509, 0.2219, 0.3190



1.0058, 0.2226, 0.3215

Previews

White Background



This preview shows how the Yxy color 20.2530, 0.4474, 0.3335 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 20.2530, 0.4474, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

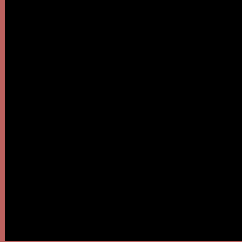
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.2530, 0.4474, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 20.2530, 0.4474, 0.3335.



This preview shows how white text looks on a background with the Yxy color 20.2530, 0.4474, 0.3335.

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

20.2530, 0.4474, 0.3335

Protanopia

20.3021, 0.3412, 0.3604

Deuteranopia

20.4842, 0.3851, 0.3789



Tritanopia

20.3677, 0.4358, 0.3198

Trichromacy



Original Color

20.2530, 0.4474, 0.3335

Protanomaly

19.9161, 0.3778, 0.3495

Deuteranomaly

20.1476, 0.4092, 0.3611

Tritanomaly

20.3078, 0.4404, 0.3239

Monochromacy



Original Color

20.2530, 0.4474, 0.3335

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7723, 0.3578, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2530, 0.4474, 0.3335 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(188, 98, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 98, 95)  
}
```

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(188, 98, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 98, 95) }
```

Border

The CSS property to change the border of an element to Yxy 20.2530, 0.4474, 0.3335 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(188, 98, 95) }
```

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

```
.border{ border-color:rgb(188, 98, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 98, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 98, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 98, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 98,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2530, 0.4474, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 98, 95) }
```

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

```
.background{ background-color: rgb(188, 98,  
95) }
```

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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