

Converting Colors

$Y_{xy}(20.2527, 0.4370, 0.3174)$

Have a look what the booklet for
Yxy(20.2527, 0.4370, 0.3174)
contains.

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Color

Yxy(20.3328, 0.4362, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	BE6069
RGB	190, 96, 105
RGB Percent	75%, 38%, 41%
CMY	0.2549, 0.6235, 0.5882
CMYK	0.00, 0.49, 0.45, 0.25
HSL	354°, 42%, 56%
HSV	354°, 49%, 75%
XYZ	27.9696, 20.3328, 15.8187
YIQ	125.1320, 53.1350, 22.7270

Conversions

Conversions Part 2

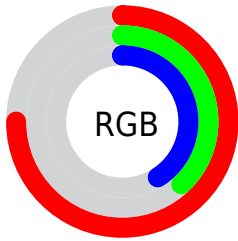
Format	Color
R_{YB}	190, 96, 105
Decimal	12476521
CIE _{Lab}	52.21, 38.56, 12.47
CIE _{LCh}	52, 40.523, 17.917
Yxy	20.3328, 0.4362, 0.3171
Android (android.graphics.Color)	4290666601 (0xFFBE6069)
YUV	125.1320, -9.9251, 56.8892
Hunter-Lab	45.0919, 31.8092, 10.7648

Details

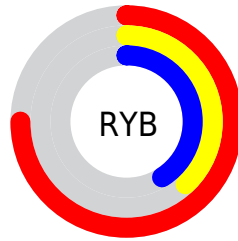
The Yxy color **20.3328, 0.4362, 0.3171** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.6523, 0.2536, 0.3426**, and the grayscale version is **20.5764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0349, 0.4078, 0.3218**, and **7.1688, 0.4875, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **16.9574, 0.4774, 0.3157**, and if you desaturate by 10%, it is **24.6194, 0.4006, 0.3193**.

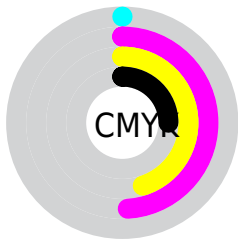
Distribution



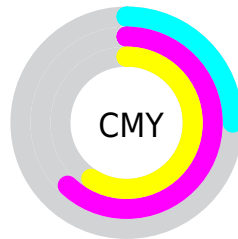
- Red (75%)
- Green (38%)
- Blue (41%)



- Red (75%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (25%)




- Cyan (25%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.3328, 0.4362, 0.3171 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 20.3328, 0.4362, 0.3171 by changing the saturation by 10% instead.


 20.3328, 0.4362,
0.3171


 20.3328, 0.4362,
0.3171


253.7111, 0.3655,
0.3260


 12.6372, 0.4574,
0.3134


 43.9744, 0.4080,
0.3213


 7.1792, 0.4869,
0.3075


 60.6893, 0.3982,
0.3226

 3.5744, 0.5306,
0.2970

 81.1793, 0.3902,
0.3235

 1.4385, 0.6051,
0.2786

 105.8289, 0.3836,
0.3243

 0.2448, 0.8328,
0.1672

135.0225, 0.3780,
0.3248

 0.0000, 1.0000,
0.0000

169.1445, 0.3732,

 0.0000, 0.0000,

0.3253


0.0000

208.5792, 0.3691,
0.3257

 20.3328, 0.4362,
0.3171


 20.3328, 0.4362,
0.3171


 16.9574, 0.4774,
0.3157

 24.6194, 0.4006,
0.3193


 14.4244, 0.5221,
0.3154


 29.8734, 0.3711,
0.3218


 12.6603, 0.5660,
0.3169


 36.1499, 0.3470,
0.3243


 11.5774, 0.6031,
0.3201

 43.4992, 0.3276,
0.3268


 11.0170, 0.6283,
0.3240


 51.9683, 0.3120,
0.3291

 10.9924, 0.6294,
0.3241

 61.6011, 0.2994,
0.3312

 72.4395, 0.2892,
0.3332

 84.5231, 0.2810,
0.3349

 89.6880, 0.2752,
0.3289

Harmonies

Analogous

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



20.3328, 0.3723, 0.2680



20.3328, 0.4362, 0.3171



20.3328, 0.4609, 0.3720

Triad

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



20.3328, 0.4362, 0.3171



20.3328, 0.3150, 0.4581



20.3328, 0.1946, 0.2236

Complementary

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



20.3328, 0.4362, 0.3171



42.6523, 0.2536, 0.3426

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.



20.3328, 0.1838, 0.2586



20.3328, 0.4362, 0.3171



20.3328, 0.2477, 0.4023

Square

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



20.3328, 0.4362, 0.3171



20.3328, 0.3855, 0.4618



20.3328, 0.2013, 0.3229



20.3328, 0.2327, 0.2162

Rectangle

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



20.3328, 0.4362, 0.3171



20.3328, 0.4515, 0.4083



20.3328, 0.2013, 0.3229



20.3328, 0.1880, 0.2320

Sweetspot

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



20.3338, 0.4362, 0.3171



70.8984, 0.3383, 0.3254



21.8598, 0.3074, 0.2071



14.9615, 0.3426, 0.3249



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.



20.3338, 0.4362, 0.3171



30.4729, 0.4795, 0.3156



28.7329, 0.4215, 0.3806



9.5508, 0.3274, 0.3268



7.3142, 0.6275, 0.3230



0.2916, 0.5860, 0.3002

Inverse Universe

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



20.3338, 0.4362, 0.3171



30.4729, 0.4795, 0.3156



28.7925, 0.2372, 0.2687



9.5508, 0.3274, 0.3268



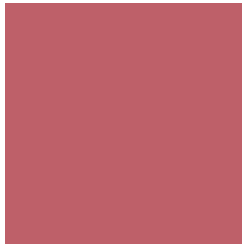
7.3142, 0.6275, 0.3230



0.2916, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 20.3328, 0.4362, 0.3171 looks on a white background.

Color Contrast Check

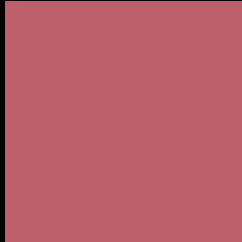
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3328, 0.4362, 0.3171 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 20.3328, 0.4362, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 20.3328, 0.4362, 0.3171.



This preview shows how white text looks on a background with the Yxy color 20.3328, 0.4362, 0.3171.

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

20.3328, 0.4362, 0.3171

Protanopia

20.6904, 0.3232, 0.3381

Deuteranopia

20.3923, 0.3685, 0.3623



Tritanopia

20.2922, 0.4393, 0.3199

Trichromacy



Original Color

20.3328, 0.4362, 0.3171

Protanomaly

19.8517, 0.3608, 0.3275

Deuteranomaly

19.9053, 0.3935, 0.3438

Tritanomaly

20.3124, 0.4377, 0.3185

Monochromacy



Original Color

20.3328, 0.4362, 0.3171

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7322, 0.3542, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3328, 0.4362, 0.3171 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(190, 96, 105)` looks like.

```
.text, #text, p{  
  color:rgb(190, 96, 105)  
}
```

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(190, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 96, 105) }
```

Border

The CSS property to change the border of an element to Yxy 20.3328, 0.4362, 0.3171 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(190, 96, 105) }
```

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

```
.border{ border-color:rgb(190, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 96, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 96, 105); box-shadow:4px 4px 4px 4px rgb(190, 96, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3328, 0.4362, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 96, 105) }
```

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

```
.background{ background-color: rgb(190, 96,  
105) }
```

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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