

Converting Colors

$Y_{xy}(20.4449, 0.4118, 0.3293)$

Have a look what the booklet for
Yxy(20.4449, 0.4118, 0.3293)
contains.

Yxy(20.3532, 0.4127, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.3532, 0.4127, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	B06969
RGB	176, 105, 105
RGB Percent	69%, 41%, 41%
CMY	0.3097, 0.5882, 0.5883
CMYK	0.00, 0.40, 0.40, 0.31
HSL	0°, 31%, 55%
HSV	0°, 40%, 69%
XYZ	25.5079, 20.3532, 15.9463
YIQ	126.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

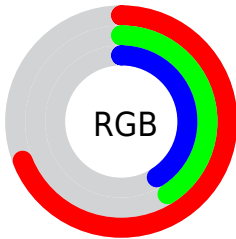
Format	Color
R_{YB}	176, 105, 105
Decimal	11561321
CIE Lab	52.23, 28.40, 12.22
CIE LCh	52, 30.920, 23.286
Yxy	20.3532, 0.4127, 0.3293
Android (android.graphics.Color)	4289751401 (0xFFB06969)
YUV	126.2290, -10.4659, 43.6492
Hunter-Lab	45.1145, 21.9743, 10.6233

Details

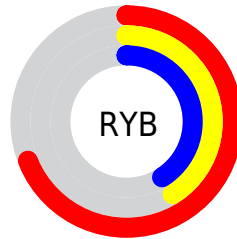
The Yxy color **20.3532, 0.4127, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **37.1920, 0.2581, 0.3288**, and the grayscale version is **20.9719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.0067, 0.3903, 0.3304**, and **7.1988, 0.4548, 0.3254** is the 20% darker color. If you saturate the color by 10%, you get **16.8073, 0.4525, 0.3294**, and if you desaturate by 10%, it is **24.7180, 0.3795, 0.3292**.

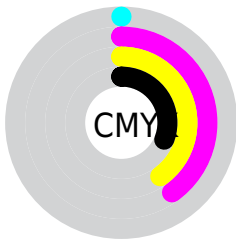
Distribution



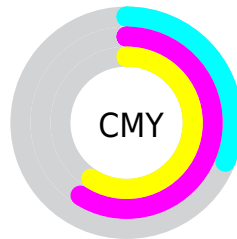
- Red (69%)
- Green (41%)
- Blue (41%)



- Red (69%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3532, 0.4127, 0.3293 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 20.3532, 0.4127, 0.3293 by changing the saturation by 10% instead.


 20.3532, 0.4127,
0.3293


 20.3532, 0.4127,
0.3293


253.8208, 0.3553,
0.3308


 12.6520, 0.4300,
0.3280


 44.0086, 0.3898,
0.3304


 7.1894, 0.4544,
0.3256


 60.7316, 0.3818,
0.3306

 3.5808, 0.4909,
0.3205

 81.2306, 0.3754,
0.3308

 1.4420, 0.5550,
0.3112

 105.8902, 0.3700,
0.3308

 0.2473, 0.7902,
0.2098


135.0945, 0.3655,
0.3308


 0.0000, 0.0000,
0.0000

169.2282, 0.3616,


0.3308

208.6755, 0.3582,
0.3308


 20.3532, 0.4127,
0.3293


 20.3532, 0.4127,
0.3293


 16.8073, 0.4525,
0.3294


 24.7180, 0.3795,
0.3292


 14.0264, 0.4977,
0.3296


 29.9450, 0.3524,
0.3291

 11.9551, 0.5452,
0.3297


 36.0781, 0.3307,
0.3291


 10.5292, 0.5887,
0.3298

 43.1576, 0.3133,
0.3290

 9.6730, 0.6211,
0.3299


 51.2209, 0.2993,
0.3290

 9.2321, 0.6401,
0.3300

 60.3038, 0.2881,
0.3289

 70.4401, 0.2789,
0.3289

 81.6621, 0.2715,
0.3289

 87.9718, 0.2681,
0.3289

Harmonies

Analogous

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



20.3532, 0.3687, 0.2880



20.3532, 0.4127, 0.3293



20.3532, 0.4264, 0.3736

Triad

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



20.3532, 0.4127, 0.3293



20.3532, 0.3064, 0.4198



20.3532, 0.2234, 0.2439

Complementary

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



20.3532, 0.4127, 0.3293



37.1920, 0.2581, 0.3288

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.



20.3532, 0.2106, 0.2692



20.3532, 0.4127, 0.3293



20.3532, 0.2553, 0.3739

Square

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



20.3532, 0.4127, 0.3293



20.3532, 0.3619, 0.4325



20.3532, 0.2214, 0.3159



20.3532, 0.2583, 0.2406

Rectangle

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



20.3532, 0.4127, 0.3293



20.3532, 0.4165, 0.4007



20.3532, 0.2214, 0.3159



20.3532, 0.2166, 0.2499

Sweetspot

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



20.3542, 0.4127, 0.3293



63.2261, 0.3343, 0.3291



22.4684, 0.3173, 0.2315



13.3871, 0.3369, 0.3291



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



20.3542, 0.4127, 0.3293



31.3574, 0.4461, 0.3294



29.1551, 0.3911, 0.3812



8.5054, 0.3287, 0.3291



6.7726, 0.6401, 0.3300



0.2131, 0.6400, 0.3300

Inverse Universe

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



37.1920, 0.2581, 0.3288



65.9419, 0.2494, 0.3288



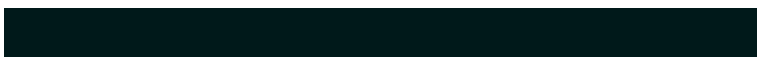
25.0415, 0.2489, 0.2697



9.6314, 0.2986, 0.3290



25.0783, 0.2247, 0.3287



0.7891, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 20.3532, 0.4127, 0.3293 looks on a white background.

Color Contrast Check

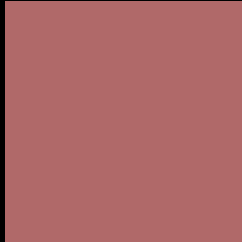
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3532, 0.4127, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

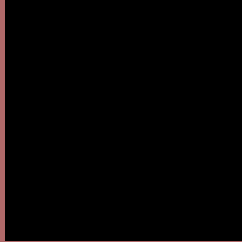
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3532, 0.4127, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 20.3532, 0.4127, 0.3293.

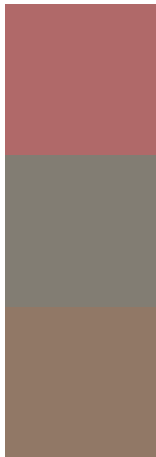


This preview shows how white text looks on a background with the Yxy color 20.3532, 0.4127, 0.3293.

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

20.3532, 0.4127, 0.3293

Protanopia

20.6509, 0.3302, 0.3473

Deuteranopia

20.4120, 0.3672, 0.3605



Tritanopia

20.4176, 0.4043, 0.3174

Trichromacy



Original Color

20.3532, 0.4127, 0.3293

Protanomaly

20.3076, 0.3592, 0.3412

Deuteranomaly

20.3087, 0.3831, 0.3491

Tritanomaly

20.3519, 0.4087, 0.3219

Monochromacy



Original Color

20.3532, 0.4127, 0.3293

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1942, 0.3463, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3532, 0.4127, 0.3293 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(176, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(176, 105, 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(176, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 105, 105) }
```

Border

The CSS property to change the border of an element to Yxy 20.3532, 0.4127, 0.3293 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(176, 105, 105) }
```

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

```
.border{ border-color:rgb(176, 105, 105) }
```

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

Here you see how a box with a 4 pixel rgb(176, 105, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(176, 105,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3532, 0.4127, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 105, 105) }
```

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

```
.background{ background-color: rgb(176,  
105, 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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