

Converting Colors

$Y_{xy}(20.1014, 0.3969, 0.3291)$

Have a look what the booklet for
Yxy(20.1014, 0.3969, 0.3291)
contains.

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Color

Yxy(20.1327, 0.3961, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	A86C6C
RGB	168, 108, 108
RGB Percent	66%, 42%, 42%
CMY	0.3410, 0.5765, 0.5764
CMYK	0.00, 0.36, 0.36, 0.34
HSL	360°, 26%, 54%
HSV	360°, 36%, 66%
XYZ	24.2241, 20.1327, 16.7997
YIQ	125.9400, 35.7600, 12.7200

Conversions

Conversions Part 2

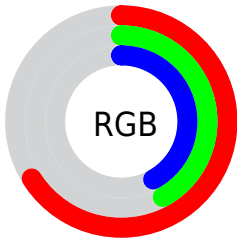
Format	Color
R _Y B	168, 108, 108
Decimal	11037804
CIE Lab	51.99, 23.96, 9.95
CIE LCh	52, 25.946, 22.548
Yxy	20.1327, 0.3961, 0.3292
Android (android.graphics.Color)	4289227884 (0xFFA86C6C)
YUV	125.9400, -8.8444, 36.8866
Hunter-Lab	44.8695, 17.8467, 9.2097

Details

The Yxy color **20.1327, 0.3961, 0.3292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.0335, 0.2634, 0.3289**, and the grayscale version is **20.8648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6524, 0.3775, 0.3304**, and **7.0423, 0.4313, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **16.6010, 0.4326, 0.3293**, and if you desaturate by 10%, it is **24.4183, 0.3660, 0.3291**.

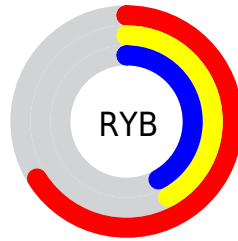
Distribution



Red (66%)

Green (42%)

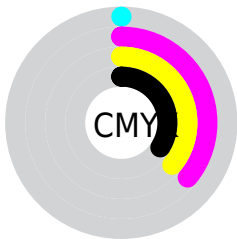
Blue (42%)



Red (66%)

Yellow (42%)

Blue (42%)

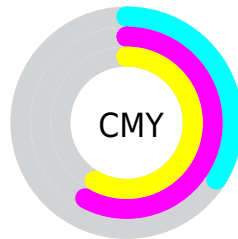


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (34%)



Cyan (34%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1327, 0.3961, 0.3292 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 20.1327, 0.3961, 0.3292 by changing the saturation by 10% instead.


 20.1327, 0.3961,
0.3292


 20.1327, 0.3961,
0.3292


252.6326, 0.3482,
0.3302


 12.4915, 0.4107,
0.3283


 43.6396, 0.3769,
0.3300

 7.0794, 0.4313,
0.3266


 60.2740, 0.3703,
0.3301

 3.5118, 0.4625,
0.3230

 80.6751, 0.3649,
0.3302

 1.4044, 0.5163,
0.3154

 105.2271, 0.3604,
0.3302

 0.2200, 0.7831,
0.2169


134.3144, 0.3566,
0.3303

 0.0000, 0.0000,
0.0000


168.3216, 0.3534,


0.3303

207.6328, 0.3506,
0.3302


 20.1327, 0.3961,
0.3292


 20.1327, 0.3961,
0.3292


 16.6010, 0.4326,
0.3293


 24.4183, 0.3660,
0.3291


 13.7770, 0.4754,
0.3294


 29.4947, 0.3416,
0.3291


 11.6138, 0.5222,
0.3296


 35.4002, 0.3221,
0.3290


 10.0578, 0.5684,
0.3297


 42.1693, 0.3065,
0.3290

 9.0468, 0.6069,
0.3298


 49.8348, 0.2939,
0.3290


 8.5002, 0.6316,
0.3299

 58.4279, 0.2837,
0.3289

 8.3290, 0.6400,
0.3299

 67.9780, 0.2754,
0.3289

 78.5134, 0.2686,
0.3289

 87.0689, 0.2643,
0.3289

Harmonies

Analogous

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



20.1327, 0.3589, 0.2934



20.1327, 0.3961, 0.3292



20.1327, 0.4086, 0.3673

Triad

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



20.1327, 0.3961, 0.3292



20.1327, 0.3093, 0.4049



20.1327, 0.2359, 0.2569

Complementary

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



20.1327, 0.3961, 0.3292



34.0335, 0.2634, 0.3289

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.



20.1327, 0.2252, 0.2797



20.1327, 0.3961, 0.3292



20.1327, 0.2653, 0.3678

Square

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



20.1327, 0.3961, 0.3292



20.1327, 0.3563, 0.4158



20.1327, 0.2354, 0.3199



20.1327, 0.2658, 0.2530

Rectangle

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



20.1327, 0.3961, 0.3292



20.1327, 0.4012, 0.3902



20.1327, 0.2354, 0.3199



20.1327, 0.2300, 0.2624

Sweetspot

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



20.1337, 0.3961, 0.3292



58.1649, 0.3322, 0.3290



21.7698, 0.3156, 0.2421



12.3820, 0.3348, 0.3291



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



20.1337, 0.3961, 0.3292



31.2559, 0.4250, 0.3293



27.3053, 0.3804, 0.3735



7.5424, 0.3286, 0.3290



6.2867, 0.6400, 0.3299



0.1530, 0.6397, 0.3298

Inverse Universe

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



20.1337, 0.3961, 0.3292



31.2559, 0.4250, 0.3293



24.4843, 0.2568, 0.2796



7.5424, 0.3286, 0.3290



6.2867, 0.6400, 0.3299



0.1530, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 20.1327, 0.3961, 0.3292 looks on a white background.

Color Contrast Check

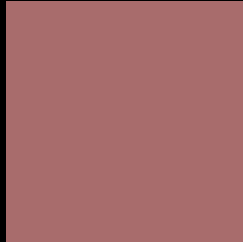
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1327, 0.3961, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

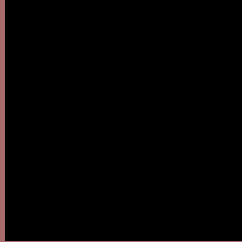
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1327, 0.3961, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 20.1327, 0.3961, 0.3292.



This preview shows how white text looks on a background with the Yxy color 20.1327, 0.3961, 0.3292.

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

20.1327, 0.3961, 0.3292

Protanopia

20.2655, 0.3268, 0.3438

Deuteranopia

20.3132, 0.3595, 0.3537



Tritanopia

20.1882, 0.3879, 0.3168

Trichromacy



Original Color

20.1327, 0.3961, 0.3292

Protanomaly

19.9888, 0.3514, 0.3379

Deuteranomaly

20.2277, 0.3720, 0.3444

Tritanomaly

20.1203, 0.3922, 0.3215

Monochromacy



Original Color

20.1327, 0.3961, 0.3292

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.1883, 0.3409, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1327, 0.3961, 0.3292 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(168, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(168, 108, 108)  
}
```

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(168, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 108, 108) }
```

Border

The CSS property to change the border of an element to Yxy 20.1327, 0.3961, 0.3292 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(168, 108, 108) }
```

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

```
.border{ border-color:rgb(168, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(168, 108,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1327, 0.3961, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 108, 108) }
```

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

```
.background{ background-color: rgb(168,  
108, 108) }
```

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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