

Converting Colors

$Yxy(18.0525, 0.3251, 0.3958)$

Have a look what the booklet for
Yxy(18.0525, 0.3251, 0.3958)
contains.

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Color

Yxy(18.1311, 0.3240, 0.3957)

Conversions

Conversions Part 1

Format	Color
Hex	687C5C
RGB	104, 124, 92
RGB Percent	41%, 49%, 36%
CMY	0.5923, 0.5137, 0.6392
CMYK	0.16, 0.00, 0.26, 0.51
HSL	98°, 15%, 42%
HSV	98°, 26%, 49%
XYZ	14.8458, 18.1311, 12.8434
YIQ	114.3720, -1.6480, -14.1920

Conversions

Conversions Part 2

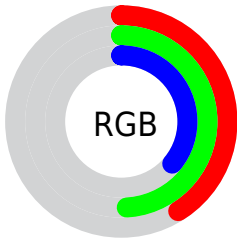
Format	Color
R_{YB}	92, 124, 112
Decimal	6847580
CIE _{Lab}	49.65, -13.72, 15.11
CIE _{LCh}	50, 20.413, 132.240
Yxy	18.1311, 0.3240, 0.3957
Android (android.graphics.Color)	4285037660 (0xFF687C5C)
YUV	114.3720, -11.0294, -9.0962
Hunter-Lab	42.5806, -12.2819, 11.9230

Details

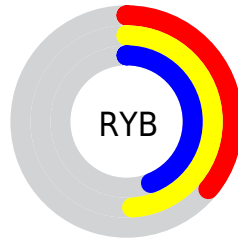
The Yxy color $18.1311, 0.3240, 0.3957$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $12.5586, 0.2982, 0.2646$, and the grayscale version is $16.9779, 0.3127, 0.3290$.

A 20% lighter version of the original color is $40.3658, 0.3217, 0.3806$, and $6.0702, 0.3263, 0.4268$ is the 20% darker color. If you saturate the color by 10%, you get $17.4891, 0.3277, 0.4250$, and if you desaturate by 10%, it is $18.8530, 0.3198, 0.3681$.

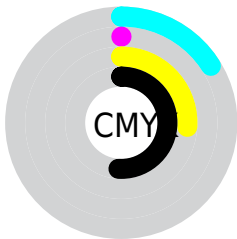
Distribution



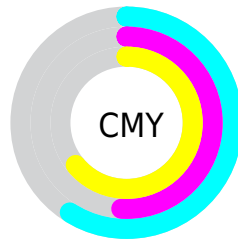
- Red (41%)
- Green (49%)
- Blue (36%)



- Red (36%)
- Yellow (49%)
- Blue (44%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)





- Cyan (59%)
- Magenta (51%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.1311, 0.3240, 0.3957 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 18.1311, 0.3240, 0.3957 by changing the saturation by 10% instead.


 18.1311, 0.3240,
0.3957


 18.1311, 0.3240,
0.3957


241.6090, 0.3181,
0.3561


 11.0442, 0.3254,
0.4086


 40.2606, 0.3218,
0.3794


 6.0965, 0.3271,
0.4274

 56.0719, 0.3210,
0.3739

 2.9039, 0.3286,
0.4577

 75.5602, 0.3203,
0.3694

 1.0818, 0.3641,
0.5785

 99.1097, 0.3198,
0.3658

 0.0000, 0.0000,
0.0000

127.1050, 0.3193,
0.3628

159.9303, 0.3188,

0.3602

197.9702, 0.3184,
0.3580

■ 18.1311, 0.3240,
0.3957

■ 18.1311, 0.3240,
0.3957

■ 17.4891, 0.3277,
0.4250

■ 18.8530, 0.3198,
0.3681

■ 16.9217, 0.3307,
0.4552

■ 19.6551, 0.3153,
0.3427

■ 16.4267, 0.3326,
0.4852

■ 20.5409, 0.3108,
0.3196

■ 16.0008, 0.3331,
0.5137

■ 21.5127, 0.3064,
0.2988

■ 15.6403, 0.3320,
0.5391

■ 22.5729, 0.3021,
0.2802

■ 15.3412, 0.3293,
0.5598

■ 23.7237, 0.2980,
0.2637

■ 15.0975, 0.3252,
0.5753

■ 24.9674, 0.2941,
0.2490

■ 15.0070, 0.3235,
0.5813

■ 26.3060, 0.2905,
0.2360

■ 27.7416, 0.2871,
0.2245

Harmonies

Analogous

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



18.1311, 0.3607, 0.3974



18.1311, 0.3240, 0.3957



18.1311, 0.2858, 0.3722

Triad

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



18.1311, 0.3240, 0.3957



18.1311, 0.2442, 0.2747



18.1311, 0.3720, 0.3190

Complementary

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



18.1311, 0.3240, 0.3957



12.5586, 0.2982, 0.2646

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.



18.1311, 0.3374, 0.2908



18.1311, 0.3240, 0.3957



18.1311, 0.2641, 0.2655

Square

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



18.1311, 0.3240, 0.3957



18.1311, 0.2413, 0.2993



18.1311, 0.2976, 0.2716



18.1311, 0.3898, 0.3509

Rectangle

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



18.1311, 0.3240, 0.3957



18.1311, 0.2645, 0.3483



18.1311, 0.2976, 0.2716



18.1311, 0.3618, 0.3089

Sweetspot

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



18.1319, 0.3240, 0.3957



34.2329, 0.3164, 0.3486



16.5901, 0.3551, 0.3680



8.0180, 0.3170, 0.3518



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



18.1319, 0.3240, 0.3957



31.2155, 0.3263, 0.4129



17.5332, 0.3055, 0.3903



4.5162, 0.3168, 0.3507



15.2519, 0.3235, 0.5814



72.3028, 0.3200, 0.5841

Inverse Universe

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



12.5586, 0.2982, 0.2646



19.6506, 0.2940, 0.2487



13.3039, 0.3209, 0.2745



4.0062, 0.3083, 0.3075



3.1094, 0.2318, 0.1051



14.3346, 0.2274, 0.1026

Previews

White Background



This preview shows how the Yxy color 18.1311, 0.3240, 0.3957 looks on a white 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

Black Background



This preview shows how the Yxy color 18.1311, 0.3240, 0.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

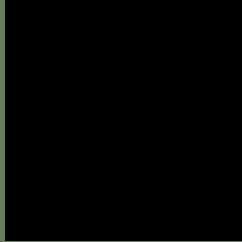
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.1311, 0.3240, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 18.1311, 0.3240, 0.3957.



This preview shows how white text looks on a background with the Yxy color 18.1311, 0.3240, 0.3957.

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

18.1311, 0.3240, 0.3957

Protanopia

18.1138, 0.3588, 0.3849

Deuteranopia

17.9368, 0.3703, 0.3641



Tritanopia

18.0936, 0.2907, 0.3096

Trichromacy



Original Color

18.1311, 0.3240, 0.3957

Protanomaly

18.0227, 0.3458, 0.3887

Deuteranomaly

17.8729, 0.3529, 0.3756

Tritanomaly

18.1238, 0.3025, 0.3390

Monochromacy



Original Color

18.1311, 0.3240, 0.3957

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

17.3125, 0.3167, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.1311, 0.3240, 0.3957 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(104, 124, 92)` looks like.

```
.text, #text, p{  
    color:rgb(104, 124, 92)  
}
```

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(104, 124, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 124, 92) }
```

Border

The CSS property to change the border of an element to Yxy 18.1311, 0.3240, 0.3957 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(104, 124, 92) }
```

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

```
.border{ border-color:rgb(104, 124, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 124, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 124, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 124, 92);  
box-shadow:4px 4px 4px 4px rgb(104, 124,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 18.1311, 0.3240, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 124, 92) }
```

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

```
.background{ background-color: rgb(104,  
124, 92) }
```

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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