

Converting Colors

$Yxy(45.8144, 0.3144, 0.3580)$

Have a look what the booklet for
Yxy(45.8144, 0.3144, 0.3580)
contains.

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Color

Yxy(45.7031, 0.3147, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	A8B9A4
RGB	168, 185, 164
RGB Percent	66%, 73%, 64%
CMY	0.3412, 0.2745, 0.3568
CMYK	0.09, 0.00, 0.11, 0.27
HSL	109°, 13%, 68%
HSV	109°, 11%, 73%
XYZ	40.1978, 45.7031, 41.8328
YIQ	177.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

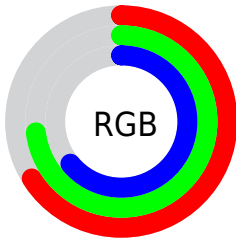
Format	Color
RYB	164, 185, 181
Decimal	11057572
CIELab	73.35, -9.83, 8.66
CIELCh	73, 13.101, 138.614
Yxy	45.7031, 0.3147, 0.3578
Android (android.graphics.Color)	4289247652 (0xFFA8B9A4)
YUV	177.5230, -6.6668, -8.3517
Hunter-Lab	67.6041, -12.1700, 10.6347

Details

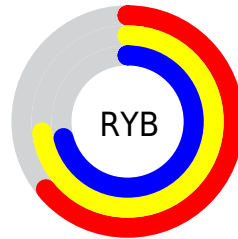
The Yxy color $45.7031, 0.3147, 0.3578$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $39.8882, 0.3104, 0.3012$, and the grayscale version is $44.2937, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7130, 0.3142, 0.3523$, and $21.3854, 0.3155, 0.3671$ is the 20% darker color. If you saturate the color by 10%, you get $43.5321, 0.3162, 0.3863$, and if you desaturate by 10%, it is $48.1652, 0.3130, 0.3322$.

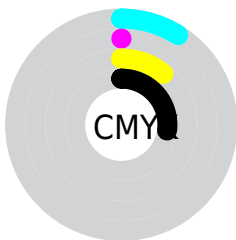
Distribution



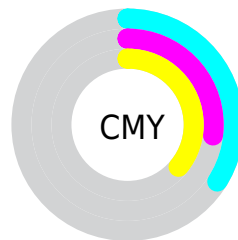
- Red (66%)
- Green (73%)
- Blue (64%)



- Red (64%)
- Yellow (73%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7031, 0.3147, 0.3578 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 45.7031, 0.3147, 0.3578 by changing the saturation by 10% instead.


 45.7031, 0.3147,
0.3578

 45.7031, 0.3147,
0.3578


369.6137, 0.3138,
0.3431

 32.0116, 0.3149,
0.3616


 83.7745, 0.3144,
0.3524

 21.3704, 0.3151,
0.3665


 108.9232, 0.3143,
0.3504

 13.3950, 0.3153,
0.3731


138.6597, 0.3142,
0.3487

 7.7011, 0.3155,
0.3826


173.3684, 0.3141,
0.3472

 3.9043, 0.3156,
0.3972

213.4338, 0.3140,
0.3460

 1.6202, 0.3152,
0.4227

259.2402, 0.3140,

 0.3711, 0.2331,

0.3449

0.7669

311.1721, 0.3139,
0.3440

0.0000, 0.0000,
0.0000

45.7031, 0.3147,
0.3578

45.7031, 0.3147,
0.3578

43.5321, 0.3162,
0.3863

48.1652, 0.3130,
0.3322

41.6357, 0.3174,
0.4174

50.9224, 0.3111,
0.3095

40.0045, 0.3181,
0.4504

53.9864, 0.3093,
0.2896

38.6266, 0.3180,
0.4840

57.3663, 0.3074,
0.2723

37.4888, 0.3171,
0.5165

60.9723, 0.3067,
0.2585

■ 36.5770, 0.3153,
0.5457

■ 63.1803, 0.3159,
0.2604

■ 35.8755, 0.3126,
0.5694

■ 35.3661, 0.3092,
0.5859

■ 35.0579, 0.3063,
0.5950

Harmonies

Analogous

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



45.7031, 0.3325, 0.3615



45.7031, 0.3147, 0.3578



45.7031, 0.2967, 0.3456

Triad

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



45.7031, 0.3147, 0.3578



45.7031, 0.2809, 0.3016



45.7031, 0.3430, 0.3281

Complementary

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



45.7031, 0.3147, 0.3578



39.8882, 0.3104, 0.3012

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.



45.7031, 0.3284, 0.3132



45.7031, 0.3147, 0.3578



45.7031, 0.2926, 0.2980

Square

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



45.7031, 0.3147, 0.3578



45.7031, 0.2776, 0.3126



45.7031, 0.3099, 0.3023



45.7031, 0.3492, 0.3437

Rectangle

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



45.7031, 0.3147, 0.3578



45.7031, 0.2870, 0.3346



45.7031, 0.3099, 0.3023



45.7031, 0.3389, 0.3229

Sweetspot

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



45.7051, 0.3147, 0.3578



85.4693, 0.3133, 0.3364



45.9658, 0.3300, 0.3512



18.3465, 0.3134, 0.3384



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.7051, 0.3147, 0.3578



80.6773, 0.3152, 0.3657



45.5089, 0.3065, 0.3492



10.1397, 0.3144, 0.3524



23.8939, 0.3069, 0.5945



0.8671, 0.3237, 0.5812

Inverse Universe

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



39.8882, 0.3104, 0.3012



67.8668, 0.3097, 0.2939



40.1153, 0.3195, 0.3096



9.0745, 0.3108, 0.3063



6.8290, 0.2740, 0.1283



0.2632, 0.2869, 0.1354

Previews

White Background



This preview shows how the Yxy color 45.7031, 0.3147, 0.3578 looks on a white background.

Color Contrast Check

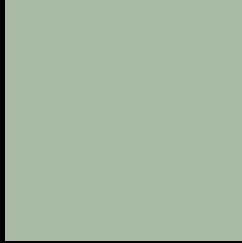
Large Text (above 18pt) WCAG AA × Fail

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 45.7031, 0.3147, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

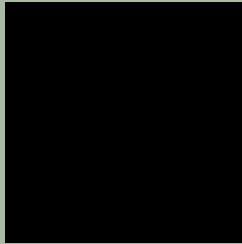
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

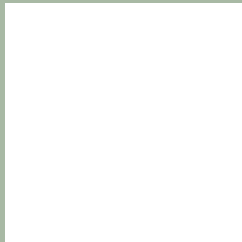
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7031, 0.3147, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 45.7031, 0.3147, 0.3578.



This preview shows how white text looks on a background with the Yxy color 45.7031, 0.3147, 0.3578.

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

45.7031, 0.3147, 0.3578

Protanopia

45.3782, 0.3346, 0.3528

Deuteranopia

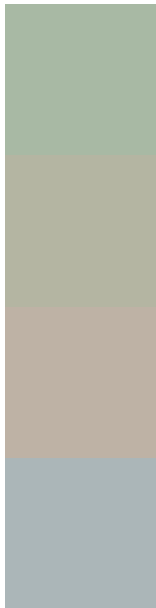
45.5818, 0.3451, 0.3392



Tritanopia

45.8721, 0.2953, 0.3106

Trichromacy



Original Color

45.7031, 0.3147, 0.3578

Protanomaly

45.3597, 0.3272, 0.3545

Deuteranomaly

45.5046, 0.3342, 0.3460

Tritanomaly

45.5745, 0.3020, 0.3263

Monochromacy



Original Color

45.7031, 0.3147, 0.3578

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0635, 0.3131, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7031, 0.3147, 0.3578 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, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 164)  
}
```

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, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.7031, 0.3147, 0.3578 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, 185, 164) }
```

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

```
.border{ border-color:rgb(168, 185, 164) }
```

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

Here you see how a box with a 4 pixel rgb(168, 185, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7031, 0.3147, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 164) }
```

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

```
.background{ background-color: rgb(168,  
185, 164) }
```

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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