

Converting Colors

$Y_{xy}(25.7185, 0.3158, 0.3968)$

Have a look what the booklet for
Yxy(25.7185, 0.3158, 0.3968)
contains.

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Color

Yxy(25.7062, 0.3156, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	74936E
RGB	116, 147, 110
RGB Percent	45%, 58%, 43%
CMY	0.5451, 0.4235, 0.5685
CMYK	0.21, 0.00, 0.25, 0.42
HSL	110°, 15%, 50%
HSV	110°, 25%, 58%
XYZ	20.4509, 25.7062, 18.6430
YIQ	133.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

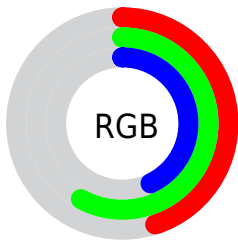
Format	Color
R_{YB}	110, 147, 141
Decimal	7639918
CIE _{Lab}	57.76, -18.31, 16.11
CIE _{LCh}	58, 24.384, 138.650
Yxy	25.7062, 0.3156, 0.3967
Android (android.graphics.Color)	4285829998 (0xFF74936E)
YUV	133.5130, -11.5919, -15.3589
Hunter-Lab	50.7013, -16.7273, 13.6898

Details

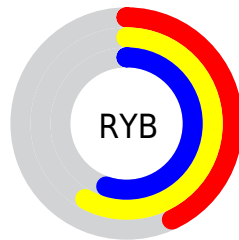
The Yxy color $25.7062, 0.3156, 0.3967$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.9303, 0.3081, 0.2671$, and the grayscale version is $23.6980, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8169, 0.3157, 0.3809$, and $9.9068, 0.3154, 0.4242$ is the 20% darker color. If you saturate the color by 10%, you get $24.6236, 0.3162, 0.4282$, and if you desaturate by 10%, it is $26.9563, 0.3146, 0.3676$.

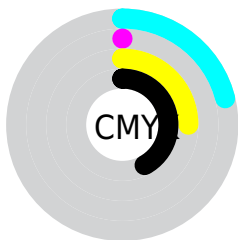
Distribution



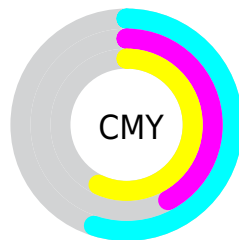
- Red (45%)
- Green (58%)
- Blue (43%)



- Red (43%)
- Yellow (58%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (25%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7062, 0.3156, 0.3967 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 25.7062, 0.3156, 0.3967 by changing the saturation by 10% instead.


 25.7062, 0.3156,
0.3967


 25.7062, 0.3156,
0.3967


281.3368, 0.3147,
0.3583


 16.6040, 0.3155,
0.4082


 52.8006, 0.3155,
0.3814

 9.9525, 0.3151,
0.4243


 71.5616, 0.3154,
0.3761

 5.3675, 0.3139,
0.4486

 94.3109, 0.3152,
0.3718

 2.4645, 0.3102,
0.4886

 121.4330, 0.3151,
0.3681

 0.8588, 0.3008,
0.6992

153.3122, 0.3150,
0.3651

 0.0000, 0.0000,
0.0000

190.3330, 0.3149,

0.3625

232.8798, 0.3148,
0.3602

■ 25.7062, 0.3156,
0.3967

■ 25.7062, 0.3156,
0.3967

■ 24.6236, 0.3162,
0.4282

■ 26.9563, 0.3146,
0.3676

■ 23.6982, 0.3163,
0.4612

■ 28.3771, 0.3134,
0.3414

■ 22.9235, 0.3158,
0.4945

■ 29.9760, 0.3120,
0.3180

■ 22.2914, 0.3145,
0.5260

■ 31.7588, 0.3106,
0.2975

■ 21.7930, 0.3125,
0.5536

■ 33.7313, 0.3092,
0.2795

■ 21.4184, 0.3098,
0.5753

■ 35.8988, 0.3078,
0.2638

■ 21.1555, 0.3067,
0.5899

■ 38.2664, 0.3064,
0.2502

■ 21.0592, 0.3056,
0.5956

■ 40.8391, 0.3051,
0.2383

■ 43.6219, 0.3039,
0.2279

Harmonies

Analogous

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



25.7062, 0.3559, 0.4034



25.7062, 0.3156, 0.3967



25.7062, 0.2762, 0.3674

Triad

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



25.7062, 0.3156, 0.3967



25.7062, 0.2432, 0.2678



25.7062, 0.3817, 0.3253

Complementary

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



25.7062, 0.3156, 0.3967



18.9303, 0.3081, 0.2671

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.



25.7062, 0.3477, 0.2943



25.7062, 0.3156, 0.3967



25.7062, 0.2677, 0.2619

Square

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



25.7062, 0.3156, 0.3967



25.7062, 0.2362, 0.2904



25.7062, 0.3054, 0.2716



25.7062, 0.3958, 0.3590

Rectangle

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



25.7062, 0.3156, 0.3967



25.7062, 0.2555, 0.3406



25.7062, 0.3054, 0.2716



25.7062, 0.3721, 0.3144

Sweetspot

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



25.7073, 0.3156, 0.3967



50.0179, 0.3138, 0.3490



26.3325, 0.3517, 0.3803



11.3351, 0.3140, 0.3526



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.7073, 0.3156, 0.3967



44.9399, 0.3160, 0.4136



25.5990, 0.2983, 0.3743



6.5107, 0.3139, 0.3517



18.2640, 0.3058, 0.5954



0.2320, 0.3273, 0.5783

Inverse Universe

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



18.9303, 0.3081, 0.2671



30.7325, 0.3068, 0.2532



19.1012, 0.3308, 0.2877



5.8623, 0.3113, 0.3070



5.5040, 0.2814, 0.1324



0.0776, 0.3019, 0.1437

Previews

White Background



This preview shows how the Yxy color 25.7062, 0.3156, 0.3967 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 25.7062, 0.3156, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

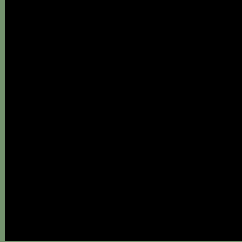
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7062, 0.3156, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 25.7062, 0.3156, 0.3967.



This preview shows how white text looks on a background with the Yxy color 25.7062, 0.3156, 0.3967.

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

25.7062, 0.3156, 0.3967

Protanopia

25.5135, 0.3583, 0.3824

Deuteranopia

25.5444, 0.3682, 0.3608



Tritanopia

25.5606, 0.2830, 0.3086

Trichromacy



Original Color

25.7062, 0.3156, 0.3967

Protanomaly

25.3455, 0.3420, 0.3881

Deuteranomaly

25.3666, 0.3482, 0.3729

Tritanomaly

25.4441, 0.2947, 0.3395

Monochromacy



Original Color

25.7062, 0.3156, 0.3967

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.4579, 0.3137, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7062, 0.3156, 0.3967 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(116, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(116, 147, 110)  
}
```

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(116, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 147, 110) }
```

Border

The CSS property to change the border of an element to Yxy 25.7062, 0.3156, 0.3967 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(116, 147, 110) }
```

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

```
.border{ border-color:rgb(116, 147, 110) }
```

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

Here you see how a box with a 4 pixel rgb(116, 147, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(116, 147,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7062, 0.3156, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 147, 110) }
```

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

```
.background{ background-color: rgb(116,  
147, 110) }
```

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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