

Converting Colors

$Yxy(28.1484, 0.3160, 0.3865)$

Have a look what the booklet for
Yxy(28.1484, 0.3160, 0.3865)
contains.

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Color

Yxy(28.1484, 0.3160, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	7D9877
RGB	125, 152, 119
RGB Percent	49%, 60%, 47%
CMY	0.5098, 0.4039, 0.5334
CMYK	0.18, 0.00, 0.22, 0.40
HSL	109°, 14%, 53%
HSV	109°, 22%, 60%
XYZ	23.0140, 28.1484, 21.6666
YIQ	140.1650, -5.4990, -15.9870

Conversions

Conversions Part 2

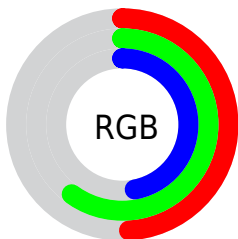
Format	Color
RYB	119, 152, 146
Decimal	8231031
CIELab	60.02, -16.04, 14.31
CIELCh	60, 21.497, 138.267
Yxy	28.1484, 0.3160, 0.3865
Android (android.graphics.Color)	4286421111 (0xFF7D9877)
YUV	140.1650, -10.4343, -13.2997
Hunter-Lab	53.0551, -15.4175, 12.9257

Details

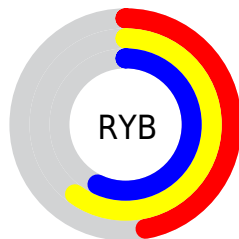
The Yxy color $28.1484, 0.3160, 0.3865$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.5666, 0.3081, 0.2755$, and the grayscale version is $26.3357, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5479, 0.3159, 0.3739$, and $11.2861, 0.3174, 0.4098$ is the 20% darker color. If you saturate the color by 10%, you get $26.9353, 0.3171, 0.4172$, and if you desaturate by 10%, it is $29.5394, 0.3146, 0.3584$.

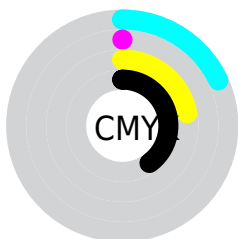
Distribution



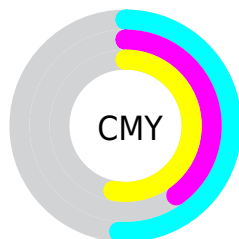
- Red (49%)
- Green (60%)
- Blue (47%)



- Red (47%)
- Yellow (60%)
- Blue (57%)



- Cyan (18%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)




- Cyan (51%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1484, 0.3160, 0.3865 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 28.1484, 0.3160, 0.3865 by changing the saturation by 10% instead.


 28.1484, 0.3160,
0.3865


 28.1484, 0.3160,
0.3865


293.1753, 0.3147,
0.3544


 18.4376, 0.3161,
0.3958


 56.7213, 0.3157,
0.3739

 11.2646, 0.3161,
0.4088


 76.3521, 0.3155,
0.3695

 6.2451, 0.3157,
0.4278


 100.0584, 0.3153,
0.3658

 2.9947, 0.3141,
0.4584

128.2245, 0.3152,
0.3628

 1.1290, 0.3316,
0.5646

161.2349, 0.3150,
0.3602

 0.0025, 0.0000,
1.0000

199.4739, 0.3149,

 0.0000, 0.0000,

0.3580

0.0000

243.3259, 0.3148,
0.3561

■ 28.1484, 0.3160,
0.3865

■ 28.1484, 0.3160,
0.3865

■ 26.9353, 0.3171,
0.4172

■ 29.5394, 0.3146,
0.3584

■ 25.8895, 0.3176,
0.4497

■ 31.1114, 0.3130,
0.3331

■ 25.0046, 0.3175,
0.4830

■ 32.8720, 0.3113,
0.3106

■ 24.2724, 0.3167,
0.5151

■ 34.8271, 0.3096,
0.2909

■ 23.6841, 0.3149,
0.5442

■ 36.9825, 0.3079,
0.2736

■ 23.2297, 0.3123,
0.5680

■ 39.3438, 0.3062,
0.2586

■ 22.8980, 0.3090,
0.5850

■ 41.9161, 0.3046,
0.2454

■ 22.7009, 0.3065,
0.5948

■ 44.7046, 0.3031,
0.2339

■ 47.6635, 0.3023,
0.2246

Harmonies

Analogous

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



28.1484, 0.3505, 0.3924



28.1484, 0.3160, 0.3865



28.1484, 0.2819, 0.3620

Triad

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



28.1484, 0.3160, 0.3865



28.1484, 0.2525, 0.2766



28.1484, 0.3713, 0.3259

Complementary

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



28.1484, 0.3160, 0.3865



21.5666, 0.3081, 0.2755

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.



28.1484, 0.3423, 0.2988



28.1484, 0.3160, 0.3865



28.1484, 0.2737, 0.2709

Square

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



28.1484, 0.3160, 0.3865



28.1484, 0.2466, 0.2967



28.1484, 0.3062, 0.2791



28.1484, 0.3836, 0.3551

Rectangle

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



28.1484, 0.3160, 0.3865



28.1484, 0.2639, 0.3396



28.1484, 0.3062, 0.2791



28.1484, 0.3631, 0.3163

Sweetspot

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



28.1496, 0.3160, 0.3865



53.3682, 0.3139, 0.3464



28.5503, 0.3463, 0.3724



12.0973, 0.3140, 0.3477



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



28.1496, 0.3160, 0.3865



48.6202, 0.3166, 0.4009



27.9758, 0.3007, 0.3685



6.9770, 0.3142, 0.3518



19.0429, 0.3069, 0.5945



0.2965, 0.3300, 0.5762

Inverse Universe

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



21.5666, 0.3081, 0.2755



34.9152, 0.3067, 0.2633



21.8046, 0.3273, 0.2925



6.2668, 0.3110, 0.3069



5.5259, 0.2762, 0.1295



0.0957, 0.2975, 0.1413

Previews

White Background



This preview shows how the Yxy color 28.1484, 0.3160, 0.3865 looks on a white background.

Color Contrast Check

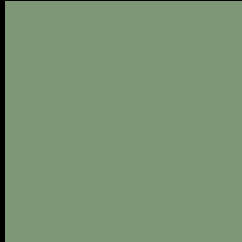
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1484, 0.3160, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

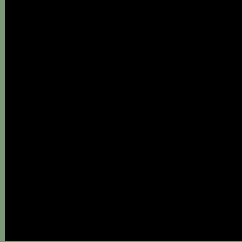
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1484, 0.3160, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 28.1484, 0.3160, 0.3865.



This preview shows how white text looks on a background with the Yxy color 28.1484, 0.3160, 0.3865.

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

28.1484, 0.3160, 0.3865

Protanopia

27.9566, 0.3522, 0.3758

Deuteranopia

27.9774, 0.3615, 0.3552



Tritanopia

28.1614, 0.2868, 0.3110

Trichromacy



Original Color

28.1484, 0.3160, 0.3865

Protanomaly

27.9680, 0.3390, 0.3806

Deuteranomaly

27.9063, 0.3437, 0.3663

Tritanomaly

28.1756, 0.2973, 0.3373

Monochromacy



Original Color

28.1484, 0.3160, 0.3865

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7634, 0.3149, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1484, 0.3160, 0.3865 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(125, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 152, 119)  
}
```

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(125, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 152, 119) }
```

Border

The CSS property to change the border of an element to Yxy 28.1484, 0.3160, 0.3865 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(125, 152, 119) }
```

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

```
.border{ border-color:rgb(125, 152, 119) }
```

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

Here you see how a box with a 4 pixel rgb(125, 152, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 152,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1484, 0.3160, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 152, 119) }
```

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

```
.background{ background-color: rgb(125,  
152, 119) }
```

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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