

Converting Colors

$Y_{xy}(35.8917, 0.3159, 0.3775)$

Have a look what the booklet for
Yxy(35.8917, 0.3159, 0.3775)
contains.

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Color

Yxy(36.0217, 0.3158, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	8FA989
RGB	143, 169, 137
RGB Percent	56%, 66%, 54%
CMY	0.4392, 0.3372, 0.4627
CMYK	0.15, 0.00, 0.19, 0.34
HSL	109°, 16%, 60%
HSV	109°, 19%, 66%
XYZ	30.0308, 36.0217, 29.0418
YIQ	157.5780, -5.2240, -15.4640

Conversions

Conversions Part 2

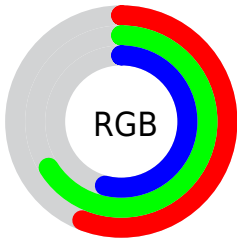
Format	Color
RYB	137, 169, 163
Decimal	9415049
CIELab	66.54, -15.21, 13.56
CIELCh	67, 20.380, 138.280
Yxy	36.0217, 0.3158, 0.3788
Android (android.graphics.Color)	4287605129 (0xFF8FA989)
YUV	157.5780, -10.1450, -12.7849
Hunter-Lab	60.0181, -15.7170, 13.3232

Details

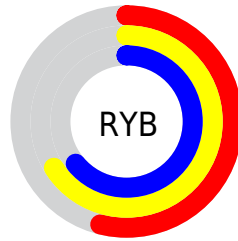
The Yxy color $36.0217, 0.3158, 0.3788$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $28.5493, 0.3086, 0.2822$, and the grayscale version is $34.0401, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8993, 0.3157, 0.3689$, and $15.6860, 0.3158, 0.3964$ is the 20% darker color. If you saturate the color by 10%, you get $34.4233, 0.3170, 0.4091$, and if you desaturate by 10%, it is $37.8494, 0.3143, 0.3512$.

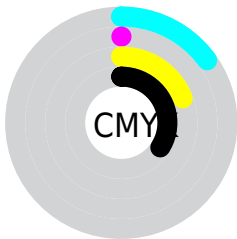
Distribution



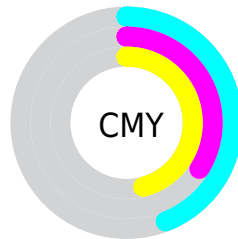
- Red (56%)
- Green (66%)
- Blue (54%)



- Red (54%)
- Yellow (66%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)





- Cyan (44%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0217, 0.3158, 0.3788 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 36.0217, 0.3158, 0.3788 by changing the saturation by 10% instead.


 36.0217, 0.3158,
0.3788


 36.0217, 0.3158,
0.3788


329.0554, 0.3146,
0.3521

 24.4510, 0.3160,
0.3861


 69.0656, 0.3154,
0.3686

 15.6685, 0.3161,
0.3959


 91.3075, 0.3153,
0.3650

 9.2899, 0.3161,
0.4097


 117.8752, 0.3151,
0.3619

 4.9307, 0.3156,
0.4306

149.1532, 0.3150,
0.3594

 2.2067, 0.3135,
0.4655

185.5258, 0.3149,
0.3572

 0.7236, 0.3042,
0.6958

227.3774, 0.3148,

 0.0000, 0.0000,

0.3552

0.0000

275.0925, 0.3147,
0.3536

■ 36.0217, 0.3158,
0.3788

■ 36.0217, 0.3158,
0.3788

■ 34.4233, 0.3170,
0.4091

■ 37.8494, 0.3143,
0.3512

■ 33.0407, 0.3178,
0.4415

■ 39.9102, 0.3125,
0.3265

■ 31.8658, 0.3180,
0.4749

■ 42.2136, 0.3107,
0.3047

■ 30.8885, 0.3173,
0.5078

■ 44.7673, 0.3089,
0.2855

■ 30.0974, 0.3157,
0.5379

■ 47.5785, 0.3071,
0.2687

■ 29.4803, 0.3133,
0.5632

■ 50.6542, 0.3054,
0.2542

■ 29.0233, 0.3101,
0.5819

■ 53.9806, 0.3040,
0.2417

■ 28.7059, 0.3067,
0.5938

■ 56.4666, 0.3150,
0.2446

■ 28.6782, 0.3064,
0.5949

■ 56.8577, 0.3167,
0.2450

Harmonies

Analogous

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



36.0217, 0.3459, 0.3843



36.0217, 0.3158, 0.3788



36.0217, 0.2859, 0.3577

Triad

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



36.0217, 0.3158, 0.3788



36.0217, 0.2598, 0.2831



36.0217, 0.3638, 0.3265

Complementary

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



36.0217, 0.3158, 0.3788



28.5493, 0.3086, 0.2822

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.



36.0217, 0.3386, 0.3025



36.0217, 0.3158, 0.3788



36.0217, 0.2786, 0.2779

Square

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



36.0217, 0.3158, 0.3788



36.0217, 0.2546, 0.3010



36.0217, 0.3072, 0.2850



36.0217, 0.3746, 0.3522

Rectangle

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



36.0217, 0.3158, 0.3788



36.0217, 0.2700, 0.3384



36.0217, 0.3072, 0.2850



36.0217, 0.3567, 0.3180

Sweetspot

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



36.0232, 0.3158, 0.3788



68.7801, 0.3138, 0.3439



36.2969, 0.3422, 0.3663



14.9431, 0.3139, 0.3455



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.



36.0232, 0.3158, 0.3788



63.1782, 0.3164, 0.3921



35.7916, 0.3025, 0.3640



8.4727, 0.3143, 0.3521



21.3903, 0.3069, 0.5945



0.5391, 0.3272, 0.5784

Inverse Universe

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



28.5493, 0.3086, 0.2822



47.1375, 0.3073, 0.2706



28.8482, 0.3247, 0.2964



7.5947, 0.3109, 0.3065



6.1464, 0.2748, 0.1288



0.1673, 0.2910, 0.1377

Previews

White Background



This preview shows how the Yxy color 36.0217, 0.3158, 0.3788 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 36.0217, 0.3158, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

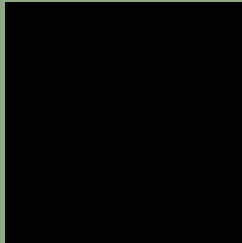
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

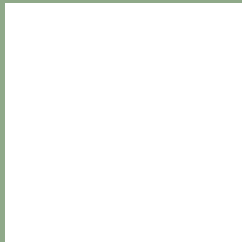
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0217, 0.3158, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 36.0217, 0.3158, 0.3788.



This preview shows how white text looks on a background with the Yxy color 36.0217, 0.3158, 0.3788.

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

36.0217, 0.3158, 0.3788

Protanopia

35.8411, 0.3484, 0.3697

Deuteranopia

35.6504, 0.3579, 0.3499



Tritanopia

36.1148, 0.2884, 0.3100

Trichromacy



Original Color

36.0217, 0.3158, 0.3788

Protanomaly

35.8492, 0.3366, 0.3738

Deuteranomaly

35.5517, 0.3420, 0.3596

Tritanomaly

36.0841, 0.2988, 0.3350

Monochromacy



Original Color

36.0217, 0.3158, 0.3788

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8150, 0.3147, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0217, 0.3158, 0.3788 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(143, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(143, 169, 137)  
}
```

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(143, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.0217, 0.3158, 0.3788 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(143, 169, 137) }
```

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

```
.border{ border-color:rgb(143, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 169, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 169, 137);  
box-shadow:4px 4px 4px 4px rgb(143, 169,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0217, 0.3158, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 169, 137) }
```

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

```
.background{ background-color: rgb(143,  
169, 137) }
```

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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