

Converting Colors

$Y_{xy}(27.4284, 0.3536, 0.4221)$

Have a look what the booklet for
Yxy(27.4284, 0.3536, 0.4221)
contains.

Yxy(27.3063, 0.3533, 0.4208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.3063, 0.3533, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	89945E
RGB	137, 148, 94
RGB Percent	54%, 58%, 37%
CMY	0.4628, 0.4196, 0.6312
CMYK	0.07, 0.00, 0.36, 0.42
HSL	72°, 22%, 47%
HSV	72°, 36%, 58%
XYZ	22.9261, 27.3063, 14.6590
YIQ	138.5550, 10.7780, -19.1260

Conversions

Conversions Part 2

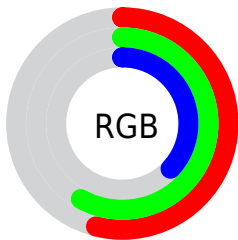
Format	Color
R_{YB}	94, 148, 105
Decimal	9016414
CIE _{Lab}	59.26, -13.14, 27.25
CIE _{LCh}	59, 30.251, 115.743
Yxy	27.3063, 0.3533, 0.4208
Android (android.graphics.Color)	4287206494 (0xFF89945E)
YUV	138.5550, -21.9656, -1.3637
Hunter-Lab	52.2554, -13.1333, 19.9465

Details

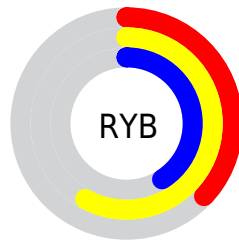
The Yxy color $27.3063, 0.3533, 0.4208$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.1556, 0.2613, 0.2264$, and the grayscale version is $25.7223, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3618, 0.3457, 0.4011$, and $10.7331, 0.3645, 0.4535$ is the 20% darker color. If you saturate the color by 10%, you get $26.8149, 0.3632, 0.4460$, and if you desaturate by 10%, it is $27.8583, 0.3425, 0.3949$.

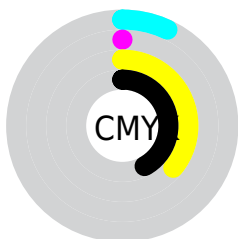
Distribution



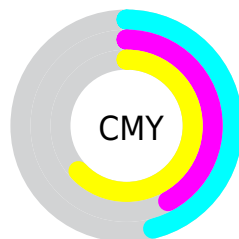
- Red (54%)
- Green (58%)
- Blue (37%)



- Red (37%)
- Yellow (58%)
- Blue (41%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)




- Cyan (46%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3063, 0.3533, 0.4208 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 27.3063, 0.3533, 0.4208 by changing the saturation by 10% instead.


 27.3063, 0.3533,
0.4208


 27.3063, 0.3533,
0.4208


289.1371, 0.3324,
0.3698


 17.8034, 0.3584,
0.4353


 55.3750, 0.3457,
0.4010

 10.8089, 0.3647,
0.4550


 74.7096, 0.3428,
0.3939

 5.9385, 0.3723,
0.4828

 98.0902, 0.3404,
0.3881

 2.8077, 0.3869,
0.5339

 125.9012, 0.3383,
0.3833

 1.0322, 0.3876,
0.6124

158.5270, 0.3365,
0.3791

 0.0000, 0.0000,
0.0000

196.3520, 0.3350,

0.3756

239.7605, 0.3336,
0.3725

■ 27.3063, 0.3533,
0.4208

■ 27.3063, 0.3533,
0.4208

■ 26.8149, 0.3632,
0.4460

■ 27.8583, 0.3425,
0.3949

■ 26.3774, 0.3718,
0.4697

■ 28.4699, 0.3312,
0.3692

■ 25.9918, 0.3784,
0.4906


■ 29.1449, 0.3199,
0.3444

■ 25.6543, 0.3829,
0.5080


■ 29.8857, 0.3089,
0.3209

■ 25.3608, 0.3848,
0.5212

■ 30.6946, 0.2982,
0.2989

 25.1048, 0.3845,
0.5302

 31.5738, 0.2882,
0.2786

 25.0183, 0.3843,
0.5331

 32.5252, 0.2789,
0.2601

 33.5509, 0.2702,
0.2433

 34.6527, 0.2622,
0.2281

Harmonies

Analogous

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



27.3063, 0.3940, 0.4061



27.3063, 0.3533, 0.4208



27.3063, 0.3036, 0.4063

Triad

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



27.3063, 0.3533, 0.4208



27.3063, 0.2212, 0.2735



27.3063, 0.3664, 0.2952

Complementary

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



27.3063, 0.3533, 0.4208



13.1556, 0.2613, 0.2264

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.



27.3063, 0.3155, 0.2657



27.3063, 0.3533, 0.4208



27.3063, 0.2345, 0.2519

Square

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



27.3063, 0.3533, 0.4208



27.3063, 0.2294, 0.3140



27.3063, 0.2677, 0.2500



27.3063, 0.4034, 0.3332

Rectangle

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



27.3063, 0.3533, 0.4208



27.3063, 0.2723, 0.3806



27.3063, 0.2677, 0.2500



27.3063, 0.3501, 0.2841

Sweetspot

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



27.3075, 0.3533, 0.4208



50.8402, 0.3253, 0.3561



17.1729, 0.3906, 0.3481



11.5728, 0.3266, 0.3591



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.



27.3075, 0.3533, 0.4208



47.4410, 0.3617, 0.4421



25.3197, 0.3240, 0.4301



6.6855, 0.3230, 0.3511



21.3795, 0.3845, 0.5329



0.2738, 0.4023, 0.5188

Inverse Universe

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



13.1556, 0.2613, 0.2264



18.6149, 0.2466, 0.1991



15.0398, 0.2952, 0.2357



5.6866, 0.3019, 0.3064



2.0748, 0.1618, 0.0665



0.0358, 0.1983, 0.0866

Previews

White Background



This preview shows how the Yxy color 27.3063, 0.3533, 0.4208 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 27.3063, 0.3533, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

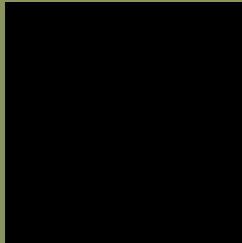
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3063, 0.3533, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 27.3063, 0.3533, 0.4208.



This preview shows how white text looks on a background with the Yxy color 27.3063, 0.3533, 0.4208.

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

27.3063, 0.3533, 0.4208

Protanopia

27.0873, 0.3793, 0.4089

Deuteranopia

27.0174, 0.3955, 0.3880



Tritanopia

27.2460, 0.3051, 0.3114

Trichromacy



Original Color

27.3063, 0.3533, 0.4208

Protanomaly

27.0327, 0.3689, 0.4127

Deuteranomaly

26.8698, 0.3799, 0.3989

Tritanomaly

27.2479, 0.3224, 0.3506

Monochromacy



Original Color

27.3063, 0.3533, 0.4208

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1793, 0.3275, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3063, 0.3533, 0.4208 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(137, 148, 94)` looks like.

```
.text, #text, p{  
    color:rgb(137, 148, 94)  
}
```

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(137, 148, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 148, 94) }
```

Border

The CSS property to change the border of an element to Yxy 27.3063, 0.3533, 0.4208 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(137, 148, 94) }
```

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

```
.border{ border-color:rgb(137, 148, 94) }
```

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

Here you see how a box with a 4 pixel rgb(137, 148, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 148, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 148, 94);  
box-shadow:4px 4px 4px 4px rgb(137, 148,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3063, 0.3533, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 148, 94) }
```

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

```
.background{ background-color: rgb(137,  
148, 94) }
```

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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