

Converting Colors

$Y_{xy}(32.5361, 0.3758, 0.4400)$

Have a look what the booklet for
Yxy(32.5361, 0.3758, 0.4400)
contains.

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Color

Yxy(32.5361, 0.3758, 0.4400)

Conversions

Conversions Part 1

Format	Color
Hex	9C9F56
RGB	156, 159, 86
RGB Percent	61%, 62%, 34%
CMY	0.3882, 0.3765, 0.6627
CMYK	0.02, 0.00, 0.46, 0.38
HSL	62°, 30%, 48%
HSV	62°, 46%, 62%
XYZ	27.7888, 32.5361, 13.6208
YIQ	149.7810, 21.6450, -23.3390

Conversions

Conversions Part 2

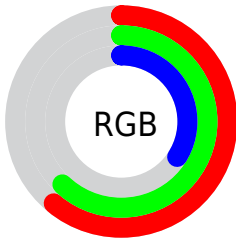
Format	Color
RYB	86, 159, 89
Decimal	10264406
CIELab	63.78, -12.04, 37.53
CIELCh	64, 39.416, 107.786
Yxy	32.5361, 0.3758, 0.4400
Android (android.graphics.Color)	4288454486 (0xFF9C9F56)
YUV	149.7810, -31.4440, 5.4541
Hunter-Lab	57.0404, -12.8596, 25.7703

Details

The Yxy color **32.5361, 0.3758, 0.4400** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.2844, 0.2313, 0.1905**, and the grayscale version is **30.5316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8963, 0.3649, 0.4185**, and **13.7423, 0.3915, 0.4765** is the 20% darker color. If you saturate the color by 10%, you get **32.2441, 0.3873, 0.4610**, and if you desaturate by 10%, it is **32.8884, 0.3628, 0.4168**.

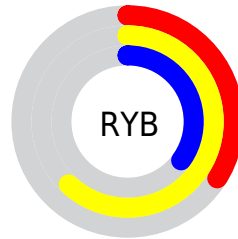
Distribution



Red (61%)

Green (62%)

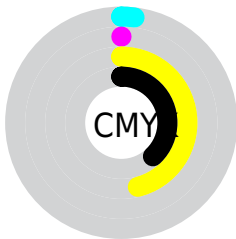
Blue (34%)



Red (34%)

Yellow (62%)

Blue (35%)

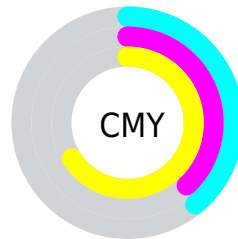


Cyan (2%)

Magenta (0%)

Yellow (46%)

Black (38%)



Cyan (39%)


Magenta (38%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5361, 0.3758, 0.4400 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 32.5361, 0.3758, 0.4400 by changing the saturation by 10% instead.


 32.5361, 0.3758,
0.4400


 32.5361, 0.3758,
0.4400


313.5542, 0.3444,
0.3808


 21.7713, 0.3830,
0.4555


 63.6506, 0.3647,
0.4178


 13.6890, 0.3915,
0.4754


 84.7691, 0.3604,
0.4097

 7.9047, 0.4010,
0.5017


 110.1076, 0.3568,
0.4029

 4.0340, 0.4188,
0.5482

 140.0505, 0.3536,
0.3971

 1.6926, 0.4143,
0.5857

 174.9822, 0.3509,
0.3922

 0.4189, 0.1992,
0.8008

215.2871, 0.3484,

 0.0000, 0.0000,

0.3879

0.0000

261.3497, 0.3463,
0.3841

■ 32.5361, 0.3758,
0.4400

■ 32.5361, 0.3758,
0.4400

■ 32.2441, 0.3873,
0.4610

■ 32.8884, 0.3628,
0.4168

■ 32.0042, 0.3970,
0.4789

■ 33.3001, 0.3490,
0.3924

■ 31.8135, 0.4043,
0.4930


■ 33.7759, 0.3349,
0.3675

■ 31.6671, 0.4091,
0.5030


■ 34.3186, 0.3208,
0.3431


■ 31.5582, 0.4116,
0.5089


■ 34.9312, 0.3072,
0.3195

 31.5180, 0.4123,
0.5109

 35.6162, 0.2943,
0.2972

 36.3761, 0.2822,
0.2765

 37.2133, 0.2710,
0.2573

 38.1300, 0.2607,
0.2399

Harmonies

Analogous

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



32.5361, 0.4207, 0.4119



32.5361, 0.3758, 0.4400



32.5361, 0.3165, 0.4345

Triad

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



32.5361, 0.3758, 0.4400



32.5361, 0.2027, 0.2712



32.5361, 0.3624, 0.2773

Complementary

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



32.5361, 0.3758, 0.4400



11.2844, 0.2313, 0.1905

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.



32.5361, 0.2989, 0.2463



32.5361, 0.3758, 0.4400



32.5361, 0.2119, 0.2400

Square

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



32.5361, 0.3758, 0.4400



32.5361, 0.2187, 0.3255



32.5361, 0.2451, 0.2326



32.5361, 0.4151, 0.3201

Rectangle

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



32.5361, 0.3758, 0.4400



32.5361, 0.2770, 0.4080



32.5361, 0.2451, 0.2326



32.5361, 0.3413, 0.2653

Sweetspot

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



32.5376, 0.3758, 0.4400



60.6381, 0.3326, 0.3635



15.0953, 0.4306, 0.3333



13.6285, 0.3355, 0.3685



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.5376, 0.3758, 0.4400



57.7372, 0.3875, 0.4613



29.4676, 0.3378, 0.4558



7.7065, 0.3255, 0.3512



24.8974, 0.4123, 0.5108



0.4490, 0.4153, 0.5084

Inverse Universe

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



11.2844, 0.2313, 0.1905



14.8779, 0.2105, 0.1557



13.5155, 0.2732, 0.2047



6.4476, 0.2993, 0.3059



2.0150, 0.1517, 0.0609



0.0394, 0.1600, 0.0655

Previews

White Background



This preview shows how the Yxy color 32.5361, 0.3758, 0.4400 looks on a white background.

Color Contrast Check

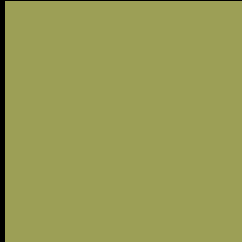
Large Text (above 18pt) WCAG AA × Fail

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 32.5361, 0.3758, 0.4400 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 32.5361, 0.3758, 0.4400

Background



This preview shows how black text looks on a background with the Yxy color 32.5361, 0.3758, 0.4400.



This preview shows how white text looks on a background with the Yxy color 32.5361, 0.3758, 0.4400.

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

32.5361, 0.3758, 0.4400

Protanopia

32.6288, 0.3953, 0.4314

Deuteranopia

32.2801, 0.4164, 0.4076



Tritanopia

32.3138, 0.3156, 0.3115

Trichromacy



Original Color

32.5361, 0.3758, 0.4400

Protanomaly

32.4321, 0.3883, 0.4336

Deuteranomaly

32.0679, 0.4012, 0.4186

Tritanomaly

32.0808, 0.3391, 0.3580

Monochromacy



Original Color

32.5361, 0.3758, 0.4400

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9902, 0.3364, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5361, 0.3758, 0.4400 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(156, 159, 86)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 86)  
}
```

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(156, 159, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 86) }
```

Border

The CSS property to change the border of an element to Yxy 32.5361, 0.3758, 0.4400 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(156, 159, 86) }
```

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

```
.border{ border-color:rgb(156, 159, 86) }
```

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

Here you see how a box with a 4 pixel rgb(156, 159, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 159, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 159, 86);  
box-shadow:4px 4px 4px 4px rgb(156, 159,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5361, 0.3758, 0.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 86) }
```

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

```
.background{ background-color: rgb(156,  
159, 86) }
```

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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