

Converting Colors

$Y_{xy}(29.7123, 0.3552, 0.3752)$

Have a look what the booklet for
Yxy(29.7123, 0.3552, 0.3752)
contains.

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Color

Yxy(29.5464, 0.3548, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	9F9376
RGB	159, 147, 118
RGB Percent	62%, 58%, 46%
CMY	0.3765, 0.4235, 0.5372
CMYK	0.00, 0.08, 0.26, 0.38
HSL	42°, 18%, 54%
HSV	42°, 26%, 62%
XYZ	27.9996, 29.5464, 21.3706
YIQ	147.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

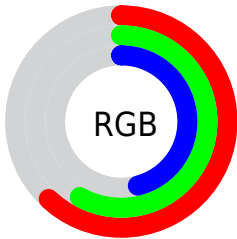
Format	Color
R_{YB}	135, 159, 118
Decimal	10457974
CIE Lab	61.26, -0.33, 16.98
CIE LCh	61, 16.982, 91.113
Yxy	29.5464, 0.3548, 0.3744
Android (android.graphics.Color)	4288648054 (0xFF9F9376)
YUV	147.2820, -14.4360, 10.2767
Hunter-Lab	54.3566, -3.1769, 14.7394

Details

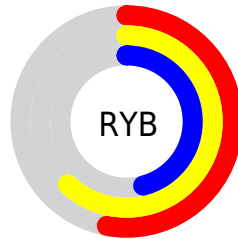
The Yxy color $29.5464, 0.3548, 0.3744$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.3165, 0.2714, 0.2790$, and the grayscale version is $29.3563, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9717, 0.3464, 0.3656$, and $12.1049, 0.3695, 0.3920$ is the 20% darker color. If you saturate the color by 10%, you get $27.7850, 0.3733, 0.3925$, and if you desaturate by 10%, it is $31.4325, 0.3374, 0.3563$.

Distribution



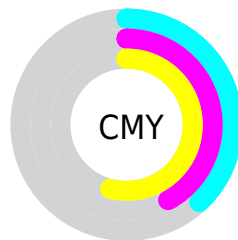
- Red (62%)
- Green (58%)
- Blue (46%)



- Red (53%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (38%)





- Cyan (38%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5464, 0.3548, 0.3744 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 29.5464, 0.3548, 0.3744 by changing the saturation by 10% instead.


 29.5464, 0.3548,
0.3744

 29.5464, 0.3548,
0.3744


299.7844, 0.3323,
0.3500


 19.4945, 0.3609,
0.3810


 58.9441, 0.3462,
0.3651

 12.0282, 0.3691,
0.3899


 79.0587, 0.3431,
0.3618

 6.7629, 0.3805,
0.4022


 103.2964, 0.3406,
0.3590

 3.3142, 0.3972,
0.4205

132.0415, 0.3384,
0.3566

 1.2979, 0.4545,
0.4822

165.6785, 0.3365,
0.3546

 0.1396, 0.4717,
0.5283

204.5917, 0.3349,

 0.0000, 0.0000,

0.3529

0.0000

249.1655, 0.3335,
0.3514

■ 29.5464, 0.3548,
0.3744

■ 29.5464, 0.3548,
0.3744

■ 27.7850, 0.3733,
0.3925

■ 31.4325, 0.3374,
0.3563

■ 26.1405, 0.3927,
0.4101

■ 33.4431, 0.3213,
0.3388

■ 24.6100, 0.4122,
0.4261

■ 35.5828, 0.3067,
0.3221

■ 23.1890, 0.4312,
0.4396

■ 37.8549, 0.2935,
0.3064

■ 21.8726, 0.4487,
0.4495

■ 40.2625, 0.2816,
0.2918

■ 20.6550, 0.4640,
0.4551

■ 42.8087, 0.2710,
0.2784

■ 19.5288, 0.4765,
0.4561

■ 45.4963, 0.2615,
0.2661

■ 19.0730, 0.4815,
0.4559

■ 48.3281, 0.2530,
0.2548

■ 50.9079, 0.2486,
0.2506

Harmonies

Analogous

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



29.5464, 0.3670, 0.3590



29.5464, 0.3548, 0.3744



29.5464, 0.3314, 0.3778

Triad

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



29.5464, 0.3548, 0.3744



29.5464, 0.2639, 0.3175



29.5464, 0.3200, 0.2953

Complementary

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



29.5464, 0.3548, 0.3744



22.3165, 0.2714, 0.2790

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.



29.5464, 0.2925, 0.2846



29.5464, 0.3548, 0.3744



29.5464, 0.2611, 0.2961

Square

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



29.5464, 0.3548, 0.3744



29.5464, 0.2792, 0.3437



29.5464, 0.2713, 0.2846



29.5464, 0.3465, 0.3141

Rectangle

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



29.5464, 0.3548, 0.3744



29.5464, 0.3130, 0.3718



29.5464, 0.2713, 0.2846



29.5464, 0.3105, 0.2907

Sweetspot

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



29.5477, 0.3548, 0.3744



59.0299, 0.3250, 0.3429



21.9490, 0.3500, 0.3095



13.1897, 0.3273, 0.3454



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.



29.5477, 0.3548, 0.3744



51.0668, 0.3655, 0.3850



32.6573, 0.3420, 0.3935



7.3926, 0.3268, 0.3448



15.1427, 0.4808, 0.4564



0.3395, 0.4516, 0.4797

Inverse Universe

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



22.3165, 0.2714, 0.2790



35.8504, 0.2612, 0.2658



19.9140, 0.2783, 0.2593



6.7354, 0.2988, 0.3127



3.6140, 0.1615, 0.1013



0.1324, 0.1823, 0.1763

Previews

White Background



This preview shows how the Yxy color 29.5464, 0.3548, 0.3744 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 29.5464, 0.3548, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

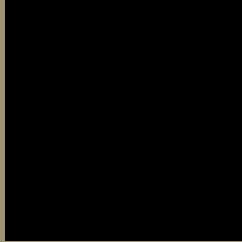
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5464, 0.3548, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 29.5464, 0.3548, 0.3744.



This preview shows how white text looks on a background with the Yxy color 29.5464, 0.3548, 0.3744.

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

29.5464, 0.3548, 0.3744

Protanopia

29.6559, 0.3522, 0.3762

Deuteranopia

29.4486, 0.3705, 0.3635



Tritanopia

29.4324, 0.3242, 0.3126

Trichromacy



Original Color

29.5464, 0.3548, 0.3744

Protanomaly

29.7569, 0.3534, 0.3761

Deuteranomaly

29.4939, 0.3640, 0.3671

Tritanomaly

29.5213, 0.3362, 0.3352

Monochromacy



Original Color

29.5464, 0.3548, 0.3744

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.2243, 0.3277, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5464, 0.3548, 0.3744 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(159, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 118)  
}
```

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(159, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 118) }
```

Border

The CSS property to change the border of an element to Yxy 29.5464, 0.3548, 0.3744 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(159, 147, 118) }
```

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

```
.border{ border-color:rgb(159, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5464, 0.3548, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 118) }
```

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

```
.background{ background-color: rgb(159,  
147, 118) }
```

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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