

Converting Colors

Yxy(30.1548, 0.3316, 0.3471)

Have a look what the booklet for
Yxy(30.1548, 0.3316, 0.3471)
contains.

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Color

Yxy(30.0539, 0.3319, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	9C9489
RGB	156, 148, 137
RGB Percent	61%, 58%, 54%
CMY	0.3883, 0.4196, 0.4628
CMYK	0.00, 0.05, 0.12, 0.39
HSL	35°, 9%, 57%
HSV	35°, 12%, 61%
XYZ	28.8125, 30.0539, 27.9444
YIQ	149.1380, 8.2990, -1.7250

Conversions

Conversions Part 2

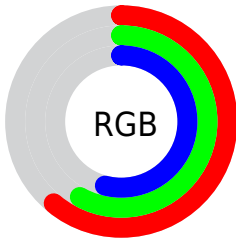
Format	Color
RYB	151, 156, 137
Decimal	10261641
CIELab	61.70, 0.96, 6.87
CIELCh	62, 6.935, 82.016
Yxy	30.0539, 0.3319, 0.3462
Android (android.graphics.Color)	4288451721 (0xFF9C9489)
YUV	149.1380, -5.9840, 6.0180
Hunter-Lab	54.8214, -2.1233, 8.1528

Details

The Yxy color **30.0539, 0.3319, 0.3462** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9564, 0.2942, 0.3112**, and the grayscale version is **30.1386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8076, 0.3286, 0.3431**, and **12.2408, 0.3395, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **27.6429, 0.3497, 0.3611**, and if you desaturate by 10%, it is **32.6485, 0.3159, 0.3320**.

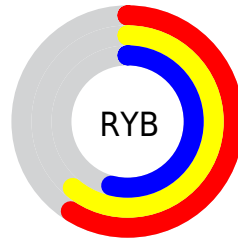
Distribution



Red (61%)

Green (58%)

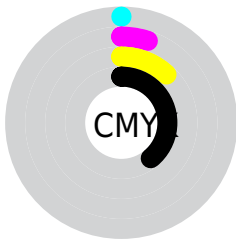
Blue (54%)



Red (59%)

Yellow (61%)

Blue (54%)

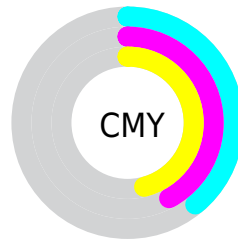


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (39%)



Cyan (39%)


Magenta (42%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0539, 0.3319, 0.3462 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 30.0539, 0.3319, 0.3462 by changing the saturation by 10% instead.


 30.0539, 0.3319,
0.3462


 30.0539, 0.3319,
0.3462


302.1556, 0.3216,
0.3370


 19.8795, 0.3347,
0.3487


 59.7474, 0.3280,
0.3427

 12.3075, 0.3386,
0.3521


 80.0353, 0.3265,
0.3414

 6.9534, 0.3440,
0.3569


 104.4632, 0.3254,
0.3404

 3.4330, 0.3523,
0.3641

133.4154, 0.3244,
0.3395

 1.3618, 0.3665,
0.3764

167.2763, 0.3235,
0.3387

 0.1883, 0.5182,
0.4818

206.4304, 0.3228,

 0.0000, 0.0000,

0.3381

0.0000

251.2621, 0.3222,
0.3375

■ 30.0539, 0.3319,
0.3462

■ 30.0539, 0.3319,
0.3462

■ 27.6429, 0.3497,
0.3611

■ 32.6485, 0.3159,
0.3320

■ 25.4068, 0.3695,
0.3763

■ 35.4272, 0.3018,
0.3186

■ 23.3421, 0.3910,
0.3912

■ 38.3955, 0.2893,
0.3062

■ 21.4435, 0.4139,
0.4053

■ 41.5577, 0.2782,
0.2947

■ 19.7056, 0.4375,
0.4174

■ 44.9175, 0.2685,
0.2842

■ 18.1221, 0.4609,
0.4264

■ 48.4789, 0.2599,
0.2745

■ 16.6866, 0.4829,
0.4313

■ 52.2456, 0.2523,
0.2656

■ 15.3914, 0.5021,
0.4312

■ 55.7770, 0.2490,
0.2645

■ 14.4645, 0.5158,
0.4286

■ 58.8831, 0.2502,
0.2725

Harmonies

Analogous

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



30.0539, 0.3349, 0.3392



30.0539, 0.3319, 0.3462



30.0539, 0.3238, 0.3487

Triad

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



30.0539, 0.3319, 0.3462



30.0539, 0.2940, 0.3278



30.0539, 0.3124, 0.3131

Complementary

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



30.0539, 0.3319, 0.3462



27.9564, 0.2942, 0.3112

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.



30.0539, 0.3015, 0.3100



30.0539, 0.3319, 0.3462



30.0539, 0.2911, 0.3182

Square

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



30.0539, 0.3319, 0.3462



30.0539, 0.3019, 0.3380



30.0539, 0.2938, 0.3118



30.0539, 0.3235, 0.3202

Rectangle

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



30.0539, 0.3319, 0.3462



30.0539, 0.3166, 0.3473



30.0539, 0.2938, 0.3118



30.0539, 0.3086, 0.3115

Sweetspot

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



30.0552, 0.3319, 0.3462



58.3909, 0.3188, 0.3346



27.0054, 0.3252, 0.3162



12.7733, 0.3199, 0.3356



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.0552, 0.3319, 0.3462



53.1993, 0.3373, 0.3508



32.5182, 0.3291, 0.3583



7.2532, 0.3270, 0.3420



11.9864, 0.5149, 0.4293



0.2968, 0.4685, 0.4662

Inverse Universe

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



27.9564, 0.2942, 0.3112



48.5107, 0.2893, 0.3062



25.7127, 0.2953, 0.2981



6.8700, 0.2988, 0.3157



5.2029, 0.1711, 0.1358



0.1748, 0.1924, 0.2128

Previews

White Background



This preview shows how the Yxy color 30.0539, 0.3319, 0.3462 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 30.0539, 0.3319, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

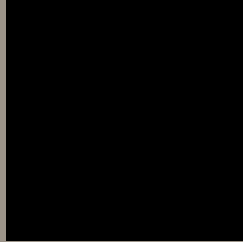
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

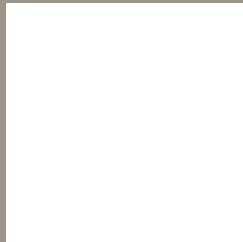
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0539, 0.3319, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 30.0539, 0.3319, 0.3462.



This preview shows how white text looks on a background with the Yxy color 30.0539, 0.3319, 0.3462.

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

30.0539, 0.3319, 0.3462

Protanopia

29.8560, 0.3298, 0.3463

Deuteranopia

30.1063, 0.3448, 0.3381



Tritanopia

30.0560, 0.3156, 0.3110

Trichromacy



Original Color

30.0539, 0.3319, 0.3462

Protanomaly

29.9545, 0.3308, 0.3462

Deuteranomaly

29.9783, 0.3402, 0.3397

Tritanomaly

30.0289, 0.3214, 0.3229

Monochromacy



Original Color

30.0539, 0.3319, 0.3462

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.2146, 0.3196, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0539, 0.3319, 0.3462 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, 148, 137)` looks like.

```
.text, #text, p{  
    color:rgb(156, 148, 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(156, 148, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 148, 137) }
```

Border

The CSS property to change the border of an element to Yxy 30.0539, 0.3319, 0.3462 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, 148, 137) }
```

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

```
.border{ border-color:rgb(156, 148, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 148, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 148, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 148, 137);  
box-shadow:4px 4px 4px 4px rgb(156, 148,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0539, 0.3319, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 148, 137) }
```

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

```
.background{ background-color: rgb(156,  
148, 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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