

Converting Colors

$Y_{xy}(32.9675, 0.3099, 0.3552)$

Have a look what the booklet for
Yxy(32.9675, 0.3099, 0.3552)
contains.

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Color

Yxy(32.9060, 0.3096, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	8EA090
RGB	142, 160, 144
RGB Percent	56%, 63%, 56%
CMY	0.4433, 0.3725, 0.4353
CMYK	0.11, 0.00, 0.10, 0.37
HSL	127°, 9%, 59%
HSV	127°, 11%, 63%
XYZ	28.7544, 32.9060, 31.2157
YIQ	152.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

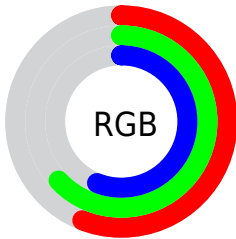
Format	Color
RYB	142, 158, 160
Decimal	9347216
CIELab	64.08, -9.54, 6.20
CIELCh	64, 11.377, 146.974
Yxy	32.9060, 0.3096, 0.3543
Android (android.graphics.Color)	4287537296 (0xFF8EA090)
YUV	152.7940, -4.3354, -9.4663
Hunter-Lab	57.3638, -10.9108, 7.8908

Details

The Yxy color **32.9060, 0.3096, 0.3543** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2784, 0.3160, 0.3049**, and the grayscale version is **31.7797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4139, 0.3103, 0.3491**, and **14.0207, 0.3084, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **31.1852, 0.3068, 0.3798**, and if you desaturate by 10%, it is **34.8875, 0.3124, 0.3317**.

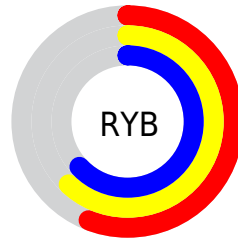
Distribution



Red (56%)

Green (63%)

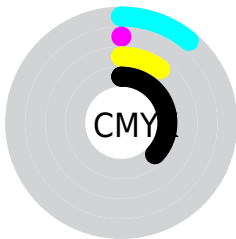
Blue (56%)



Red (56%)

Yellow (62%)

Blue (63%)

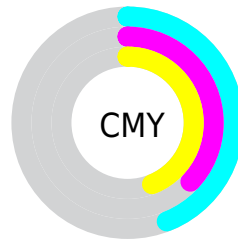


Cyan (11%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (44%)


Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9060, 0.3096, 0.3543 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 32.9060, 0.3096, 0.3543 by changing the saturation by 10% instead.

 32.9060, 0.3096,
0.3543


 32.9060, 0.3096,
0.3543


315.2260, 0.3114,
0.3407


 22.0544, 0.3091,
0.3580


 64.2287, 0.3103,
0.3491

 13.8969, 0.3084,
0.3631

 85.4687, 0.3105,
0.3472

 8.0490, 0.3073,
0.3703


 110.9403, 0.3107,
0.3457

 4.1263, 0.3056,
0.3813

141.0279, 0.3109,
0.3444

 1.7445, 0.3024,
0.4002

176.1158, 0.3110,
0.3433

 0.4522, 0.2782,
0.6387

216.5886, 0.3112,

 0.0000, 0.0000,

0.3423

0.0000

262.8305, 0.3113,
0.3415

■ 32.9060, 0.3096,
0.3543

■ 32.9060, 0.3096,
0.3543

■ 31.1852, 0.3068,
0.3798

■ 34.8875, 0.3124,
0.3317

■ 29.7101, 0.3039,
0.4081

■ 37.1355, 0.3150,
0.3119

■ 28.4709, 0.3013,
0.4387

■ 39.6608, 0.3175,
0.2947

■ 27.4552, 0.2990,
0.4707

■ 42.4725, 0.3198,
0.2798

■ 26.6497, 0.2972,
0.5027

■ 45.5792, 0.3219,
0.2669

■ 26.0395, 0.2962,
0.5327

■ 48.9891, 0.3238,
0.2559

■ 25.6079, 0.2961,
0.5586

■ 52.7102, 0.3256,
0.2463

■ 25.3351, 0.2967,
0.5787

■ 53.6267, 0.3171,
0.2366

■ 25.1901, 0.2975,
0.5908

Harmonies

Analogous

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



32.9060, 0.3274, 0.3604



32.9060, 0.3096, 0.3543



32.9060, 0.2930, 0.3408

Triad

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



32.9060, 0.3096, 0.3543



32.9060, 0.2843, 0.3007



32.9060, 0.3447, 0.3325

Complementary

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



32.9060, 0.3096, 0.3543



29.2784, 0.3160, 0.3049

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.



32.9060, 0.3325, 0.3174



32.9060, 0.3096, 0.3543



32.9060, 0.2975, 0.2994

Square

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



32.9060, 0.3096, 0.3543



32.9060, 0.2786, 0.3095



32.9060, 0.3151, 0.3055



32.9060, 0.3480, 0.3471

Rectangle

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



32.9060, 0.3096, 0.3543



32.9060, 0.2847, 0.3297



32.9060, 0.3151, 0.3055



32.9060, 0.3414, 0.3273

Sweetspot

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



32.9074, 0.3096, 0.3543



62.6594, 0.3119, 0.3355



34.3889, 0.3273, 0.3562



13.6785, 0.3117, 0.3372



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.



32.9074, 0.3096, 0.3543



58.7558, 0.3088, 0.3616



33.1873, 0.3020, 0.3402



7.4125, 0.3102, 0.3494



19.6224, 0.2972, 0.5899



0.3539, 0.2855, 0.5477

Inverse Universe

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



29.2784, 0.3160, 0.3049



50.5896, 0.3169, 0.2984



28.9859, 0.3249, 0.3180



6.7418, 0.3154, 0.3094



7.3487, 0.3507, 0.1705



0.1347, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 32.9060, 0.3096, 0.3543 looks on a white background.

Color Contrast Check

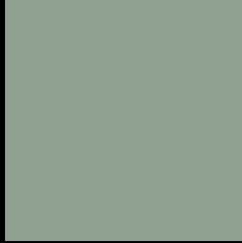
Large Text (above 18pt) WCAG AA × Fail

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 32.9060, 0.3096, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

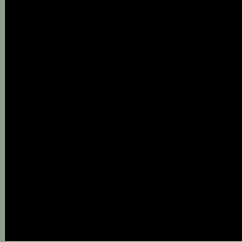
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9060, 0.3096, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 32.9060, 0.3096, 0.3543.



This preview shows how white text looks on a background with the Yxy color 32.9060, 0.3096, 0.3543.

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

32.9060, 0.3096, 0.3543

Protanopia

32.9428, 0.3319, 0.3502

Deuteranopia

32.7723, 0.3406, 0.3349



Tritanopia

32.7525, 0.2919, 0.3093

Trichromacy



Original Color

32.9060, 0.3096, 0.3543

Protanomaly

32.9370, 0.3235, 0.3521

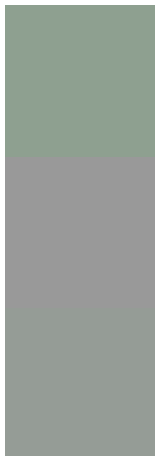
Deuteranomaly

32.8369, 0.3293, 0.3425

Tritanomaly

32.6717, 0.2986, 0.3244

Monochromacy



Original Color

32.9060, 0.3096, 0.3543

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3685, 0.3113, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9060, 0.3096, 0.3543 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(142, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 144)  
}
```

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(142, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 144) }
```

Border

The CSS property to change the border of an element to Yxy 32.9060, 0.3096, 0.3543 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(142, 160, 144) }
```

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

```
.border{ border-color:rgb(142, 160, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9060, 0.3096, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 144) }
```

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

```
.background{ background-color: rgb(142,  
160, 144) }
```

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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