

Converting Colors

$Yxy(34.6983, 0.3101, 0.3218)$

Have a look what the booklet for
Yxy(34.6983, 0.3101, 0.3218)
contains.

Yxy(34.5716, 0.3102, 0.3217)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.5716, 0.3102, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	A09EA3
RGB	160, 158, 163
RGB Percent	63%, 62%, 64%
CMY	0.3725, 0.3804, 0.3608
CMYK	0.02, 0.03, 0.00, 0.36
HSL	264°, 3%, 63%
HSV	264°, 3%, 64%
XYZ	33.3357, 34.5716, 39.5580
YIQ	159.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

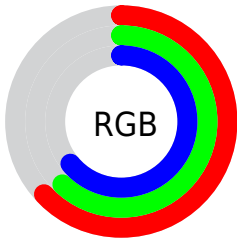
Format	Color
RYB	160, 158, 163
Decimal	10526371
CIELab	65.41, 1.69, -2.34
CIELCh	65, 2.887, 305.788
Yxy	34.5716, 0.3102, 0.3217
Android (android.graphics.Color)	4288716451 (0xFFA09EA3)
YUV	159.1680, 1.8892, 0.7297
Hunter-Lab	58.7976, -1.6939, 1.2691

Details

The Yxy color **34.5716, 0.3102, 0.3217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2310, 0.3152, 0.3363**, and the grayscale version is **34.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0975, 0.3108, 0.3234**, and **14.9143, 0.3104, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **28.4146, 0.3011, 0.2963**, and if you desaturate by 10%, it is **41.5471, 0.3180, 0.3448**.

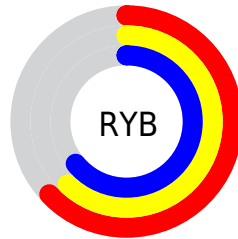
Distribution



Red (63%)

Green (62%)

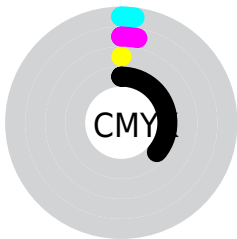
Blue (64%)



Red (63%)

Yellow (62%)

Blue (64%)

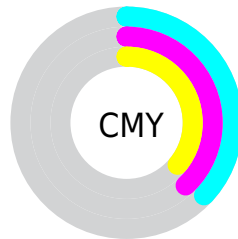


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5716, 0.3102, 0.3217 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 34.5716, 0.3102, 0.3217 by changing the saturation by 10% instead.

■ 34.5716, 0.3102,
0.3217

■ 34.5716, 0.3102,
0.3217

■ 322.6733, 0.3115,
0.3255

■ 23.3331, 0.3098,
0.3207

■ 66.8216, 0.3107,
0.3231

■ 14.8396, 0.3094,
0.3193

■ 88.6018, 0.3109,
0.3237

■ 8.7069, 0.3087,
0.3175

■ 114.6647, 0.3110,
0.3241

■ 4.5505, 0.3077,
0.3147

■ 145.3947, 0.3112,
0.3245

■ 1.9860, 0.3061,
0.3103

■ 181.1762, 0.3113,
0.3248

■ 0.5993, 0.3014,
0.2958

■ 222.3935, 0.3114,

■ 0.0000, 0.0000,

0.3251

0.0000

269.4311, 0.3115,
0.3253

■ 34.5716, 0.3102,
0.3217

■ 34.5716, 0.3102,
0.3217

■ 28.4146, 0.3011,
0.2963

■ 41.5471, 0.3180,
0.3448

■ 23.0411, 0.2906,
0.2688

■ 49.3657, 0.3246,
0.3655

■ 18.4201, 0.2786,
0.2395

■ 58.0563, 0.3302,
0.3840

■ 14.5166, 0.2653,
0.2092

■ 67.6451, 0.3348,
0.4004

■ 11.2932, 0.2510,
0.1789

■ 78.1572, 0.3387,
0.4150

8.7084, 0.2360,
0.1501

89.1109, 0.3422,
0.4273

6.7166, 0.2210,
0.1245

90.6544, 0.3487,
0.4251

5.2653, 0.2068,
0.1035

92.2871, 0.3553,
0.4230

4.2926, 0.1940,
0.0881

94.0104, 0.3620,
0.4208

Harmonies

Analogous

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



34.5716, 0.3064, 0.3216



34.5716, 0.3102, 0.3217



34.5716, 0.3147, 0.3238

Triad

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



34.5716, 0.3102, 0.3217



34.5716, 0.3212, 0.3346



34.5716, 0.3068, 0.3308

Complementary

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



34.5716, 0.3102, 0.3217



36.2310, 0.3152, 0.3363

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.



34.5716, 0.3107, 0.3344



34.5716, 0.3102, 0.3217



34.5716, 0.3191, 0.3365

Square

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



34.5716, 0.3102, 0.3217



34.5716, 0.3211, 0.3312



34.5716, 0.3152, 0.3365



34.5716, 0.3044, 0.3268

Rectangle

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



34.5716, 0.3102, 0.3217



34.5716, 0.3175, 0.3260



34.5716, 0.3152, 0.3365



34.5716, 0.3079, 0.3321

Sweetspot

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



34.5731, 0.3102, 0.3217



64.3578, 0.3119, 0.3266



35.3994, 0.3081, 0.3261



14.4702, 0.3119, 0.3267



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.5731, 0.3102, 0.3217



60.7435, 0.3093, 0.3192



34.8302, 0.3126, 0.3218



7.6535, 0.3089, 0.3179



2.9777, 0.1870, 0.0804



0.0898, 0.2304, 0.1043

Inverse Universe

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



34.8111, 0.3149, 0.3247



61.3092, 0.3156, 0.3232



35.9770, 0.3128, 0.3363



7.7352, 0.3160, 0.3224



6.7330, 0.4527, 0.2267



0.1505, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 34.5716, 0.3102, 0.3217 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 34.5716, 0.3102, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

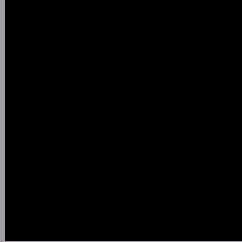
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

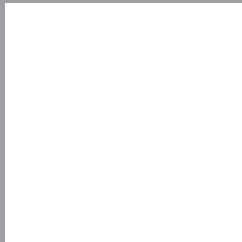
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5716, 0.3102, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 34.5716, 0.3102, 0.3217.

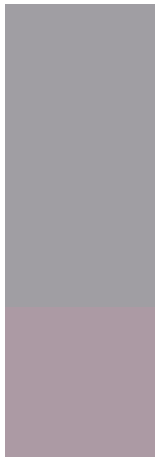


This preview shows how white text looks on a background with the Yxy color 34.5716, 0.3102, 0.3217.

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

34.5716, 0.3102, 0.3217

Protanopia

34.5716, 0.3102, 0.3217

Deuteranopia

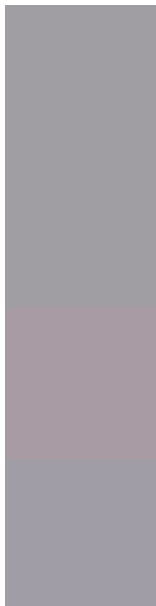
34.5622, 0.3213, 0.3149



Tritanopia

34.5556, 0.3059, 0.3116

Trichromacy



Original Color

34.5716, 0.3102, 0.3217

Protanomaly

34.5716, 0.3102, 0.3217

Deuteranomaly

34.4479, 0.3173, 0.3161

Tritanomaly

34.4810, 0.3076, 0.3145

Monochromacy



Original Color

34.5716, 0.3102, 0.3217

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7053, 0.3118, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5716, 0.3102, 0.3217 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(160, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(160, 158, 163)  
}
```

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(160, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 158, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.5716, 0.3102, 0.3217 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(160, 158, 163) }
```

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

```
.border{ border-color:rgb(160, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(160, 158,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5716, 0.3102, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 158, 163) }
```

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

```
.background{ background-color: rgb(160,  
158, 163) }
```

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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