

Converting Colors

$Yxy(32.8147, 0.3285, 0.3382)$

Have a look what the booklet for
Yxy(32.8147, 0.3285, 0.3382)
contains.

Yxy(32.6756, 0.3285, 0.3380)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.6756, 0.3285, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	A39993
RGB	163, 153, 147
RGB Percent	64%, 60%, 58%
CMY	0.3609, 0.3999, 0.4235
CMYK	0.00, 0.06, 0.10, 0.36
HSL	23°, 8%, 61%
HSV	23°, 10%, 64%
XYZ	31.7572, 32.6756, 32.2406
YIQ	155.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

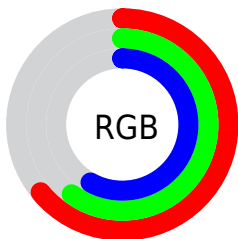
Format	Color
R_{YB}	163, 157, 147
Decimal	10721683
CIE _{Lab}	63.90, 2.57, 4.45
CIE _{LCh}	64, 5.138, 60.008
Yxy	32.6756, 0.3285, 0.3380
Android (android.graphics.Color)	4288911763 (0xFFA39993)
YUV	155.3060, -4.0949, 6.7476
Hunter-Lab	57.1626, -0.8672, 6.5733

Details

The Yxy color **32.6756, 0.3285, 0.3380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9479, 0.2979, 0.3198**, and the grayscale version is **32.9360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7481, 0.3254, 0.3358**, and **13.7268, 0.3342, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **29.0140, 0.3473, 0.3478**, and if you desaturate by 10%, it is **36.6960, 0.3124, 0.3288**.

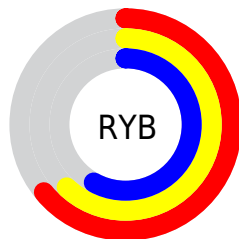
Distribution



Red (64%)

Green (60%)

Blue (58%)



Red (64%)

Yellow (62%)

Blue (58%)

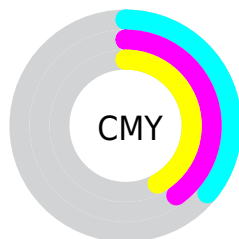


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (36%)



Cyan (36%)


Magenta (40%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6756, 0.3285, 0.3380 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 32.6756, 0.3285, 0.3380 by changing the saturation by 10% instead.

 32.6756, 0.3285,
0.3380


 32.6756, 0.3285,
0.3380


314.1854, 0.3201,
0.3333

 21.8781, 0.3308,
0.3393


 63.8687, 0.3253,
0.3362

 13.7673, 0.3338,
0.3409


 85.0331, 0.3242,
0.3356

 7.9590, 0.3381,
0.3432


110.4219, 0.3232,
0.3350

 4.0687, 0.3445,
0.3467

140.4194, 0.3224,
0.3346

 1.7121, 0.3552,
0.3522

175.4102, 0.3217,
0.3342

 0.4315, 0.4448,
0.4059

215.7785, 0.3211,

 0.0000, 0.0000,

0.3338

0.0000

261.9088, 0.3206,
0.3335

■ 32.6756, 0.3285,
0.3380

■ 32.6756, 0.3285,
0.3380

■ 29.0140, 0.3473,
0.3478

■ 36.6960, 0.3124,
0.3288

■ 25.6968, 0.3691,
0.3579

■ 41.0805, 0.2986,
0.3203

■ 22.7150, 0.3941,
0.3680

■ 45.8399, 0.2869,
0.3124

■ 20.0573, 0.4224,
0.3774

■ 50.9829, 0.2767,
0.3052

■ 17.7120, 0.4535,
0.3855

■ 56.5183, 0.2680,
0.2987

■ 15.6665, 0.4862,
0.3909

■ 62.4542, 0.2605,
0.2927

■ 13.9071, 0.5186,
0.3925

■ 68.4007, 0.2570,
0.2937

■ 12.4189, 0.5483,
0.3893

■ 74.0335, 0.2586,
0.3056

■ 11.1792, 0.5741,
0.3821

■ 79.9985, 0.2603,
0.3172

Harmonies

Analogous

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



32.6756, 0.3274, 0.3315



32.6756, 0.3285, 0.3380



32.6756, 0.3253, 0.3422

Triad

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



32.6756, 0.3285, 0.3380



32.6756, 0.3031, 0.3336



32.6756, 0.3066, 0.3155

Complementary

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



32.6756, 0.3285, 0.3380



32.9479, 0.2979, 0.3198

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.



32.6756, 0.3002, 0.3159



32.6756, 0.3285, 0.3380



32.6756, 0.2982, 0.3263

Square

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



32.6756, 0.3285, 0.3380



32.6756, 0.3106, 0.3398



32.6756, 0.2972, 0.3198



32.6756, 0.3147, 0.3186

Rectangle

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



32.6756, 0.3285, 0.3380



32.6756, 0.3212, 0.3431



32.6756, 0.2972, 0.3198



32.6756, 0.3042, 0.3152

Sweetspot

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



32.6770, 0.3285, 0.3380



63.3281, 0.3174, 0.3317



31.0917, 0.3195, 0.3140



14.0946, 0.3186, 0.3325



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.



32.6770, 0.3285, 0.3380



56.8952, 0.3328, 0.3403



35.3231, 0.3273, 0.3494



7.5024, 0.3276, 0.3375



8.7555, 0.5730, 0.3832



0.2730, 0.5085, 0.4344

Inverse Universe

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



32.9479, 0.2979, 0.3198



57.4908, 0.2942, 0.3174



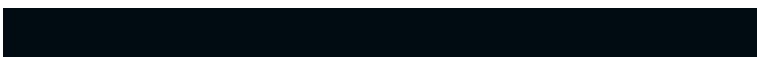
30.3854, 0.2978, 0.3077



7.5611, 0.2987, 0.3203



9.4778, 0.1898, 0.2033



0.2856, 0.2039, 0.2542

Previews

White Background



This preview shows how the Yxy color 32.6756, 0.3285, 0.3380 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 32.6756, 0.3285, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

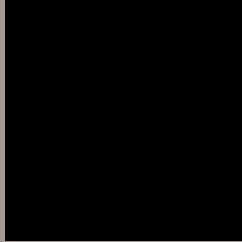
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

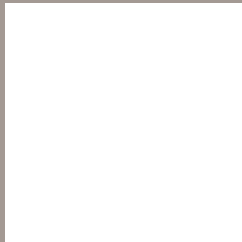
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6756, 0.3285, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 32.6756, 0.3285, 0.3380.



This preview shows how white text looks on a background with the Yxy color 32.6756, 0.3285, 0.3380.

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

32.6756, 0.3285, 0.3380

Protanopia

32.6202, 0.3233, 0.3381

Deuteranopia

32.7215, 0.3375, 0.3320



Tritanopia

32.7769, 0.3155, 0.3116

Trichromacy



Original Color

32.6756, 0.3285, 0.3380

Protanomaly

32.7229, 0.3244, 0.3380

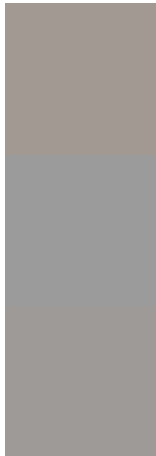
Deuteranomaly

32.7064, 0.3341, 0.3335

Tritanomaly

32.7833, 0.3201, 0.3217

Monochromacy



Original Color

32.6756, 0.3285, 0.3380

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.6473, 0.3186, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6756, 0.3285, 0.3380 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(163, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 153, 147)  
}
```

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(163, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 153, 147) }
```

Border

The CSS property to change the border of an element to Yxy 32.6756, 0.3285, 0.3380 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(163, 153, 147) }
```

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

```
.border{ border-color:rgb(163, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 153,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6756, 0.3285, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 153, 147) }
```

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

```
.background{ background-color: rgb(163,  
153, 147) }
```

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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