

Converting Colors

$Yxy(34.7518, 0.3377, 0.3670)$

Have a look what the booklet for
Yxy(34.7518, 0.3377, 0.3670)
contains.

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Color

Yxy(34.5723, 0.3376, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	A2A087
RGB	162, 160, 135
RGB Percent	64%, 63%, 53%
CMY	0.3646, 0.3725, 0.4706
CMYK	0.00, 0.01, 0.17, 0.36
HSL	56°, 13%, 58%
HSV	56°, 17%, 64%
XYZ	31.8461, 34.5723, 27.9125
YIQ	157.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

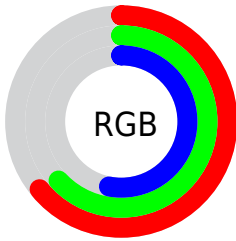
Format	Color
RYB	137, 162, 135
Decimal	10657927
CIELab	65.41, -3.65, 13.32
CIElCh	65, 13.809, 105.312
Yxy	34.5723, 0.3376, 0.3665
Android (android.graphics.Color)	4288848007 (0xFFA2A087)
YUV	157.7480, -11.2148, 3.7290
Hunter-Lab	58.7982, -6.2182, 13.0128

Details

The Yxy color **34.5723, 0.3376, 0.3665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **25.6528, 0.2863, 0.2885**, and the grayscale version is **34.1219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9834, 0.3329, 0.3597**, and **14.9082, 0.3453, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **33.7346, 0.3531, 0.3895**, and if you desaturate by 10%, it is **35.4866, 0.3225, 0.3438**.

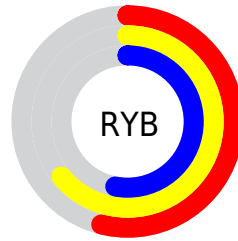
Distribution



Red (64%)

Green (63%)

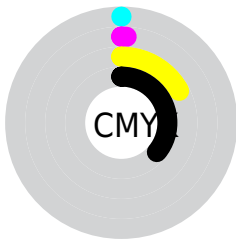
Blue (53%)



Red (54%)

Yellow (64%)

Blue (53%)

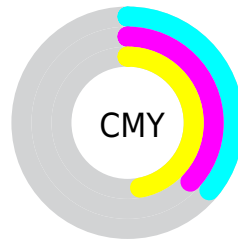


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5723, 0.3376, 0.3665 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 34.5723, 0.3376, 0.3665 by changing the saturation by 10% instead.

 34.5723, 0.3376,
0.3665


 34.5723, 0.3376,
0.3665


322.6764, 0.3246,
0.3467


 23.3336, 0.3410,
0.3718


 66.8227, 0.3328,
0.3590

 14.8400, 0.3455,
0.3789


 88.6031, 0.3310,
0.3563

 8.7072, 0.3515,
0.3887


 114.6663, 0.3295,
0.3540

 4.5507, 0.3603,
0.4033

145.3965, 0.3282,
0.3521

 1.9861, 0.3739,
0.4269

181.1783, 0.3271,
0.3504

 0.5994, 0.4450,
0.5550

222.3959, 0.3262,

 0.0000, 0.0000,

0.3490

0.0000

269.4338, 0.3254,
0.3478

■ 34.5723, 0.3376,
0.3665

■ 34.5723, 0.3376,
0.3665

■ 33.7346, 0.3531,
0.3895

■ 35.4866, 0.3225,
0.3438

■ 32.9657, 0.3687,
0.4121

■ 36.4759, 0.3080,
0.3218

■ 32.2638, 0.3836,
0.4335

■ 37.5444, 0.2945,
0.3011

■ 31.6253, 0.3974,
0.4527

■ 38.6947, 0.2819,
0.2817

■ 31.0460, 0.4095,
0.4689

■ 39.9295, 0.2705,
0.2638

■ 30.5215, 0.4194,
0.4812

■ 41.2510, 0.2600,
0.2473

■ 30.0464, 0.4267,
0.4893

■ 42.6616, 0.2505,
0.2324

■ 29.6130, 0.4315,
0.4935

■ 43.5292, 0.2471,
0.2275

■ 29.4730, 0.4329,
0.4945

■ 43.9834, 0.2473,
0.2290

Harmonies

Analogous

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



34.5723, 0.3515, 0.3590



34.5723, 0.3376, 0.3665



34.5723, 0.3173, 0.3635

Triad

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



34.5723, 0.3376, 0.3665



34.5723, 0.2724, 0.3118



34.5723, 0.3286, 0.3091

Complementary

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



34.5723, 0.3376, 0.3665



25.6528, 0.2863, 0.2885

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.



34.5723, 0.3070, 0.2973



34.5723, 0.3376, 0.3665



34.5723, 0.2751, 0.2983

Square

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



34.5723, 0.3376, 0.3665



34.5723, 0.2800, 0.3309



34.5723, 0.2876, 0.2933



34.5723, 0.3463, 0.3258

Rectangle

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



34.5723, 0.3376, 0.3665



34.5723, 0.3030, 0.3556



34.5723, 0.2876, 0.2933



34.5723, 0.3215, 0.3044

Sweetspot

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



34.5738, 0.3376, 0.3665



64.6845, 0.3201, 0.3402



26.8217, 0.3411, 0.3256



14.5016, 0.3211, 0.3417



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.



34.5738, 0.3376, 0.3665



62.1736, 0.3433, 0.3750



34.1515, 0.3259, 0.3708



8.1464, 0.3263, 0.3496



23.2418, 0.4327, 0.4946



0.5133, 0.4274, 0.4989

Inverse Universe

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



25.6528, 0.2863, 0.2885



42.8937, 0.2798, 0.2784



26.0688, 0.2978, 0.2866



6.9409, 0.2987, 0.3075



2.2909, 0.1517, 0.0661



0.0721, 0.1594, 0.0939

Previews

White Background



This preview shows how the Yxy color 34.5723, 0.3376, 0.3665 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 34.5723, 0.3376, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

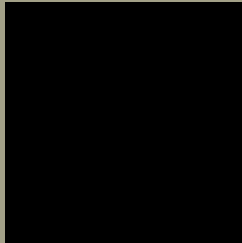
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

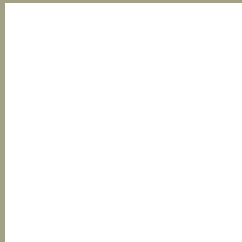
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.5723, 0.3376, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 34.5723, 0.3376, 0.3665.



This preview shows how white text looks on a background with the Yxy color 34.5723, 0.3376, 0.3665.

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

34.5723, 0.3376, 0.3665

Protanopia

34.3904, 0.3441, 0.3645

Deuteranopia

34.5051, 0.3594, 0.3531



Tritanopia

34.3768, 0.3116, 0.3104

Trichromacy



Original Color

34.5723, 0.3376, 0.3665

Protanomaly

34.5168, 0.3418, 0.3662

Deuteranomaly

34.6685, 0.3511, 0.3579

Tritanomaly

34.5136, 0.3215, 0.3305

Monochromacy



Original Color

34.5723, 0.3376, 0.3665

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3692, 0.3209, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5723, 0.3376, 0.3665 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(162, 160, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 135)  
}
```

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(162, 160, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 135) }
```

Border

The CSS property to change the border of an element to Yxy 34.5723, 0.3376, 0.3665 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(162, 160, 135) }
```

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

```
.border{ border-color:rgb(162, 160, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 135);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5723, 0.3376, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 135) }
```

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

```
.background{ background-color: rgb(162,  
160, 135) }
```

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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