

Converting Colors

$Yxy(36.0685, 0.3088, 0.3837)$

Have a look what the booklet for
Yxy(36.0685, 0.3088, 0.3837)
contains.

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Color

Yxy(36.0543, 0.3092, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	87AB88
RGB	135, 171, 136
RGB Percent	53%, 67%, 53%
CMY	0.4707, 0.3294, 0.4667
CMYK	0.21, 0.00, 0.20, 0.33
HSL	122°, 18%, 60%
HSV	122°, 21%, 67%
XYZ	28.9935, 36.0543, 28.7215
YIQ	156.2460, -10.2210, -18.5170

Conversions

Conversions Part 2

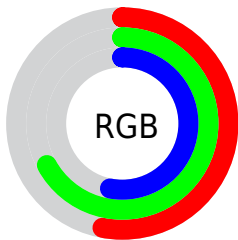
Format	Color
RYB	135, 170, 171
Decimal	8891272
CIELab	66.56, -19.29, 14.08
CIElCh	67, 23.880, 143.867
Yxy	36.0543, 0.3092, 0.3845
Android (android.graphics.Color)	4287081352 (0xFF87AB88)
YUV	156.2460, -9.9813, -18.6327
Hunter-Lab	60.0452, -18.8886, 13.6714

Details

The Yxy color **36.0543, 0.3092, 0.3845** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.8780, 0.3162, 0.2791**, and the grayscale version is **33.4075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8857, 0.3107, 0.3730**, and **15.7504, 0.3068, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **34.3136, 0.3074, 0.4157**, and if you desaturate by 10%, it is **38.0990, 0.3109, 0.3564**.

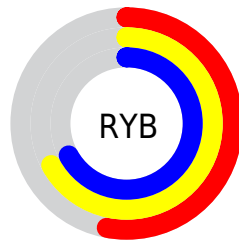
Distribution



Red (53%)

Green (67%)

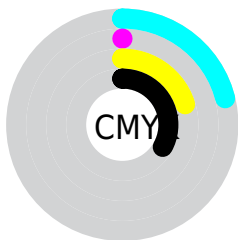
Blue (53%)



Red (53%)

Yellow (67%)

Blue (67%)

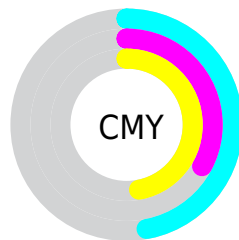


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (33%)



Cyan (47%)


Magenta (33%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0543, 0.3092, 0.3845 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 36.0543, 0.3092, 0.3845 by changing the saturation by 10% instead.


 36.0543, 0.3092,
0.3845


 36.0543, 0.3092,
0.3845


329.1978, 0.3115,
0.3546

 24.4761, 0.3084,
0.3927


 69.1159, 0.3102,
0.3731

 15.6872, 0.3072,
0.4038

 91.3681, 0.3105,
0.3690

 9.3031, 0.3053,
0.4195


 117.9471, 0.3108,
0.3656

 4.9394, 0.3019,
0.4433

149.2372, 0.3110,
0.3627

 2.2117, 0.2950,
0.4836

185.6230, 0.3112,
0.3602

 0.7264, 0.2321,
0.7679

227.4888, 0.3113,

 0.0000, 0.0000,

0.3581

0.0000

275.2189, 0.3114,
0.3563

■ 36.0543, 0.3092,
0.3845

■ 36.0543, 0.3092,
0.3845

■ 34.3136, 0.3074,
0.4157

■ 38.0990, 0.3109,
0.3564

■ 32.8582, 0.3055,
0.4493

■ 40.4566, 0.3126,
0.3315

■ 31.6743, 0.3037,
0.4839


■ 43.1409, 0.3140,
0.3098


■ 30.7449, 0.3021,
0.5176


■ 46.1638, 0.3153,
0.2911

■ 30.0515, 0.3008,
0.5480


■ 49.5364, 0.3165,
0.2750


 29.5729, 0.3000,
0.5725

 53.2696, 0.3175,
0.2611

 29.2839, 0.2997,
0.5893

 57.3736, 0.3184,
0.2492

 29.1414, 0.2994,
0.5980

 57.6107, 0.3166,
0.2469

Harmonies

Analogous

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



36.0543, 0.3451, 0.3944



36.0543, 0.3092, 0.3845



36.0543, 0.2756, 0.3566

Triad

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



36.0543, 0.3092, 0.3845



36.0543, 0.2542, 0.2732



36.0543, 0.3765, 0.3313

Complementary

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



36.0543, 0.3092, 0.3845



28.8780, 0.3162, 0.2791

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.



36.0543, 0.3494, 0.3028



36.0543, 0.3092, 0.3845



36.0543, 0.2783, 0.2702

Square

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



36.0543, 0.3092, 0.3845



36.0543, 0.2451, 0.2910



36.0543, 0.3129, 0.2810



36.0543, 0.3853, 0.3608

Rectangle

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



36.0543, 0.3092, 0.3845



36.0543, 0.2587, 0.3331



36.0543, 0.3129, 0.2810



36.0543, 0.3692, 0.3214

Sweetspot

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



36.0558, 0.3092, 0.3845



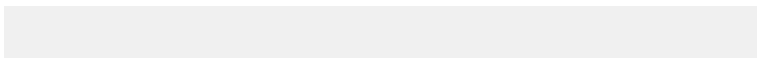
70.2506, 0.3118, 0.3436



39.4709, 0.3432, 0.3805



15.6075, 0.3117, 0.3451



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



36.0558, 0.3092, 0.3845



63.1382, 0.3084, 0.3978



36.5978, 0.2952, 0.3560



8.9429, 0.3112, 0.3517



21.9661, 0.2994, 0.5977



0.6123, 0.2965, 0.5875

Inverse Universe

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



28.8780, 0.3162, 0.2791



48.1005, 0.3169, 0.2687



28.2562, 0.3347, 0.3035



8.1441, 0.3142, 0.3073



8.6062, 0.3281, 0.1581



0.2406, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 36.0543, 0.3092, 0.3845 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 36.0543, 0.3092, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

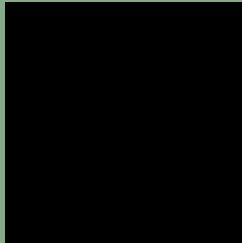
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0543, 0.3092, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 36.0543, 0.3092, 0.3845.



This preview shows how white text looks on a background with the Yxy color 36.0543, 0.3092, 0.3845.

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

36.0543, 0.3092, 0.3845

Protanopia

35.7864, 0.3503, 0.3727

Deuteranopia

35.6211, 0.3589, 0.3513



Tritanopia

35.8754, 0.2818, 0.3097

Trichromacy



Original Color

36.0543, 0.3092, 0.3845

Protanomaly

35.8728, 0.3343, 0.3772

Deuteranomaly

35.5402, 0.3396, 0.3628

Tritanomaly

35.7707, 0.2911, 0.3350

Monochromacy



Original Color

36.0543, 0.3092, 0.3845

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.9556, 0.3109, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0543, 0.3092, 0.3845 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(135, 171, 136)` looks like.

```
.text, #text, p{  
    color:rgb(135, 171, 136)  
}
```

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(135, 171, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 171, 136) }
```

Border

The CSS property to change the border of an element to Yxy 36.0543, 0.3092, 0.3845 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(135, 171, 136) }
```

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

```
.border{ border-color:rgb(135, 171, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 171, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 171, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 171, 136);  
box-shadow:4px 4px 4px 4px rgb(135, 171,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0543, 0.3092, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 171, 136) }
```

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

```
.background{ background-color: rgb(135,  
171, 136) }
```

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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