

Converting Colors

$Yxy(36.1725, 0.3065, 0.4057)$

Have a look what the booklet for
Yxy(36.1725, 0.3065, 0.4057)
contains.

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Color

Yxy(36.0895, 0.3066, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	7CAE7F
RGB	124, 174, 127
RGB Percent	49%, 68%, 50%
CMY	0.5137, 0.3176, 0.5019
CMYK	0.29, 0.00, 0.27, 0.32
HSL	124°, 24%, 58%
HSV	124°, 29%, 68%
XYZ	27.2807, 36.0895, 25.6079
YIQ	153.6920, -14.7130, -25.2170

Conversions

Conversions Part 2

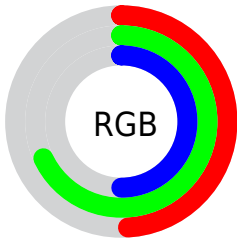
Format	Color
RYB	124, 171, 174
Decimal	8171135
CIELab	66.59, -26.16, 18.94
CIElCh	67, 32.301, 144.099
Yxy	36.0895, 0.3066, 0.4056
Android (android.graphics.Color)	4286361215 (0xFF7CAE7F)
YUV	153.6920, -13.1592, -26.0399
Hunter-Lab	60.0745, -24.0711, 16.7787

Details

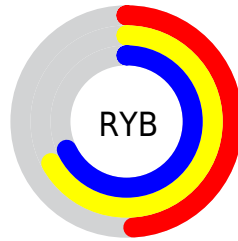
The Yxy color **36.0895, 0.3066, 0.4056** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.3585, 0.3192, 0.2628**, and the grayscale version is **32.2384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3539, 0.3085, 0.3898**, and **15.6413, 0.3023, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **34.5143, 0.3044, 0.4377**, and if you desaturate by 10%, it is **37.9658, 0.3088, 0.3761**.

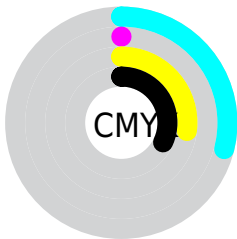
Distribution



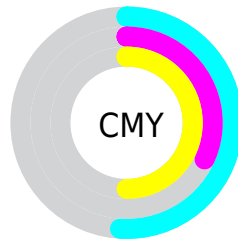
- Red (49%)
- Green (68%)
- Blue (50%)



- Red (49%)
- Yellow (67%)
- Blue (68%)



- Cyan (29%)
- Magenta (0%)
- Yellow (27%)
- Black (32%)





- Cyan (51%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0895, 0.3066, 0.4056 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 36.0895, 0.3066, 0.4056 by changing the saturation by 10% instead.

 36.0895, 0.3066,
0.4056


 36.0895, 0.3066,
0.4056


329.3516, 0.3107,
0.3640

 24.5033, 0.3051,
0.4172


 69.1702, 0.3084,
0.3896

 15.7074, 0.3030,
0.4329


 91.4335, 0.3090,
0.3839

 9.3173, 0.2994,
0.4552


 118.0246, 0.3094,
0.3791

 4.9487, 0.2931,
0.4892

149.3280, 0.3098,
0.3751

 2.2172, 0.2819,
0.5504

185.7280, 0.3101,
0.3717

 0.7294, 0.0695,
0.9305

227.6089, 0.3103,

 0.0000, 0.0000,

0.3688

0.0000

275.3554, 0.3105,
0.3662

■ 36.0895, 0.3066,
0.4056

■ 36.0895, 0.3066,
0.4056

■ 34.5143, 0.3044,
0.4377

■ 37.9658, 0.3088,
0.3761

■ 33.2202, 0.3024,
0.4714

■ 40.1528, 0.3109,
0.3495

■ 32.1920, 0.3006,
0.5049

■ 42.6655, 0.3130,
0.3262

■ 31.4113, 0.2994,
0.5362

■ 45.5163, 0.3148,
0.3059

■ 30.8570, 0.2987,
0.5628

■ 48.7172, 0.3165,
0.2883

■ 30.5051, 0.2986,
0.5826

■ 52.2794, 0.3181,
0.2732

■ 30.3144, 0.2989,
0.5949

■ 56.2139, 0.3195,
0.2601

■ 30.2952, 0.2989,
0.5960

■ 58.7524, 0.3164,
0.2498

Harmonies

Analogous

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



36.0895, 0.3549, 0.4181



36.0895, 0.3066, 0.4056



36.0895, 0.2621, 0.3663

Triad

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



36.0895, 0.3066, 0.4056



36.0895, 0.2352, 0.2545



36.0895, 0.3996, 0.3311

Complementary

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



36.0895, 0.3066, 0.4056



26.3585, 0.3192, 0.2628

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.



36.0895, 0.3624, 0.2942



36.0895, 0.3066, 0.4056



36.0895, 0.2667, 0.2516

Square

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



36.0895, 0.3066, 0.4056



36.0895, 0.2233, 0.2768



36.0895, 0.3128, 0.2660



36.0895, 0.4109, 0.3700

Rectangle

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



36.0895, 0.3066, 0.4056



36.0895, 0.2403, 0.3333



36.0895, 0.3128, 0.2660



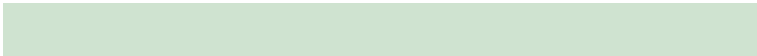
36.0895, 0.3896, 0.3182

Sweetspot

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



36.0910, 0.3066, 0.4056



72.6494, 0.3109, 0.3506



40.4424, 0.3528, 0.3999



16.0137, 0.3106, 0.3543



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.0910, 0.3066, 0.4056



63.7212, 0.3053, 0.4242



36.8095, 0.2880, 0.3646



8.9468, 0.3108, 0.3510



21.9763, 0.2987, 0.5952



0.6138, 0.2930, 0.5747

Inverse Universe

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



26.3585, 0.3192, 0.2628



43.3594, 0.3207, 0.2493



25.5090, 0.3470, 0.2961



8.1397, 0.3146, 0.3080



8.4633, 0.3362, 0.1626



0.2379, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 36.0895, 0.3066, 0.4056 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 36.0895, 0.3066, 0.4056 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 36.0895, 0.3066, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 36.0895, 0.3066, 0.4056.



This preview shows how white text looks on a background with the Yxy color 36.0895, 0.3066, 0.4056.

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

36.0895, 0.3066, 0.4056

Protanopia

35.7545, 0.3617, 0.3869

Deuteranopia

35.6462, 0.3690, 0.3623



Tritanopia

36.0011, 0.2741, 0.3095

Trichromacy



Original Color

36.0895, 0.3066, 0.4056

Protanomaly

35.6711, 0.3399, 0.3946

Deuteranomaly

35.3449, 0.3438, 0.3766

Tritanomaly

36.0685, 0.2854, 0.3429

Monochromacy



Original Color

36.0895, 0.3066, 0.4056

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3430, 0.3105, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0895, 0.3066, 0.4056 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(124, 174, 127)` looks like.

```
.text, #text, p{  
    color:rgb(124, 174, 127)  
}
```

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(124, 174, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 174, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.0895, 0.3066, 0.4056 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(124, 174, 127) }
```

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

```
.border{ border-color:rgb(124, 174, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 174, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 174, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 174, 127);  
box-shadow:4px 4px 4px 4px rgb(124, 174,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0895, 0.3066, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 174, 127) }
```

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

```
.background{ background-color: rgb(124,  
174, 127) }
```

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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