

Converting Colors

Yxy(35.2726, 0.3146, 0.4159)

Have a look what the booklet for
Yxy(35.2726, 0.3146, 0.4159)
contains.

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Color

Yxy(35.2726, 0.3146, 0.4159)

Conversions

Conversions Part 1

Format	Color
Hex	7EAC77
RGB	126, 172, 119
RGB Percent	49%, 67%, 47%
CMY	0.5061, 0.3254, 0.5333
CMYK	0.27, 0.00, 0.31, 0.33
HSL	112°, 24%, 57%
HSV	112°, 31%, 67%
XYZ	26.6813, 35.2726, 22.8564
YIQ	152.2040, -10.4030, -26.2350

Conversions

Conversions Part 2

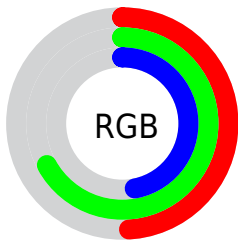
Format	Color
RYB	119, 172, 165
Decimal	8301687
CIELab	65.96, -25.89, 22.45
CIElCh	66, 34.268, 139.075
Yxy	35.2726, 0.3146, 0.4159
Android (android.graphics.Color)	4286491767 (0xFF7EAC77)
YUV	152.2040, -16.3696, -22.9809
Hunter-Lab	59.3907, -23.7426, 18.7559

Details

The Yxy color **35.2726, 0.3146, 0.4159** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1810, 0.3084, 0.2521**, and the grayscale version is **31.5643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1687, 0.3149, 0.3974**, and **15.1317, 0.3129, 0.4465** is the 20% darker color. If you saturate the color by 10%, you get **33.8453, 0.3145, 0.4492**, and if you desaturate by 10%, it is **36.9475, 0.3143, 0.3847**.

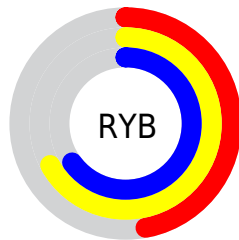
Distribution



Red (49%)

Green (67%)

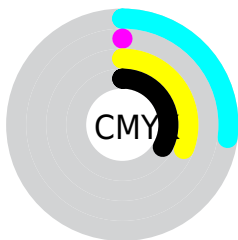
Blue (47%)



Red (47%)

Yellow (67%)

Blue (65%)

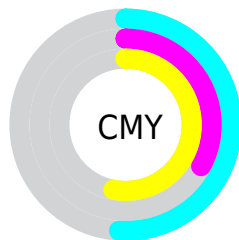


Cyan (27%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (51%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2726, 0.3146, 0.4159 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 35.2726, 0.3146, 0.4159 by changing the saturation by 10% instead.


 35.2726, 0.3146,
0.4159


 35.2726, 0.3146,
0.4159


325.7699, 0.3148,
0.3685

 23.8729, 0.3141,
0.4292


 67.9079, 0.3150,
0.3976

 15.2394, 0.3130,
0.4471


 89.9122, 0.3150,
0.3911

 8.9876, 0.3107,
0.4726


 116.2203, 0.3150,
0.3857

 4.7331, 0.3058,
0.5115

147.2165, 0.3150,
0.3811

 2.0915, 0.3032,
0.5958

183.2851, 0.3150,
0.3773

 0.6598, 0.0000,
1.0000

224.8107, 0.3149,

 0.0000, 0.0000,

0.3739

0.0000

272.1775, 0.3148,
0.3710

■ 35.2726, 0.3146,
0.4159

■ 35.2726, 0.3146,
0.4159

■ 33.8453, 0.3145,
0.4492

■ 36.9475, 0.3143,
0.3847

■ 32.6495, 0.3140,
0.4833

■ 38.8762, 0.3136,
0.3563

■ 31.6743, 0.3128,
0.5164


■ 41.0704, 0.3128,
0.3309

■ 30.9060, 0.3109,
0.5463


■ 43.5397, 0.3118,
0.3086

■ 30.3293, 0.3086,
0.5705

■ 46.2931, 0.3108,
0.2891


 29.9268, 0.3059,
0.5874

 49.3394, 0.3098,
0.2721

 29.6868, 0.3037,
0.5971

 52.6868, 0.3088,
0.2574

 56.2386, 0.3090,
0.2460

 57.9901, 0.3165,
0.2479

Harmonies

Analogous

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



35.2726, 0.3654, 0.4234



35.2726, 0.3146, 0.4159



35.2726, 0.2657, 0.3774

Triad

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



35.2726, 0.3146, 0.4159



35.2726, 0.2267, 0.2522



35.2726, 0.4006, 0.3240

Complementary

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



35.2726, 0.3146, 0.4159



24.1810, 0.3084, 0.2521

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.



35.2726, 0.3573, 0.2861



35.2726, 0.3146, 0.4159



35.2726, 0.2567, 0.2459

Square

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



35.2726, 0.3146, 0.4159



35.2726, 0.2178, 0.2790



35.2726, 0.3037, 0.2584



35.2726, 0.4178, 0.3654

Rectangle

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



35.2726, 0.3146, 0.4159



35.2726, 0.2405, 0.3423



35.2726, 0.3037, 0.2584



35.2726, 0.3885, 0.3106

Sweetspot

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



35.2741, 0.3146, 0.4159



71.1398, 0.3135, 0.3519



36.9949, 0.3610, 0.3952



15.3441, 0.3136, 0.3557



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.



35.2741, 0.3146, 0.4159



62.1603, 0.3146, 0.4385



35.2804, 0.2937, 0.3840



8.9878, 0.3135, 0.3523



22.1023, 0.3041, 0.5968



0.6302, 0.3186, 0.5853

Inverse Universe

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



24.1810, 0.3084, 0.2521



38.7876, 0.3070, 0.2349



24.2534, 0.3384, 0.2798



8.0941, 0.3117, 0.3065



7.0210, 0.2886, 0.1363



0.2098, 0.2990, 0.1421

Previews

White Background



This preview shows how the Yxy color 35.2726, 0.3146, 0.4159 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 35.2726, 0.3146, 0.4159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

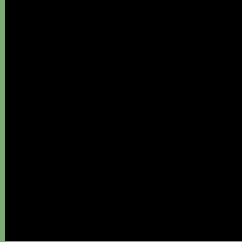
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2726, 0.3146, 0.4159

Background



This preview shows how black text looks on a background with the Yxy color 35.2726, 0.3146, 0.4159.



This preview shows how white text looks on a background with the Yxy color 35.2726, 0.3146, 0.4159.

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

35.2726, 0.3146, 0.4159

Protanopia

35.1272, 0.3677, 0.3959

Deuteranopia

34.7773, 0.3780, 0.3707



Tritanopia

35.3589, 0.2769, 0.3094

Trichromacy



Original Color

35.2726, 0.3146, 0.4159

Protanomaly

34.7804, 0.3467, 0.4026

Deuteranomaly

34.5461, 0.3528, 0.3857

Tritanomaly

35.3451, 0.2899, 0.3461

Monochromacy



Original Color

35.2726, 0.3146, 0.4159

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.5294, 0.3142, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2726, 0.3146, 0.4159 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(126, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(126, 172, 119)  
}
```

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(126, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 172, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.2726, 0.3146, 0.4159 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(126, 172, 119) }
```

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

```
.border{ border-color:rgb(126, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(126, 172,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2726, 0.3146, 0.4159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 172, 119) }
```

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

```
.background{ background-color: rgb(126,  
172, 119) }
```

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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