

Converting Colors

$Yxy(47.5364, 0.3528, 0.4253)$

Have a look what the booklet for
Yxy(47.5364, 0.3528, 0.4253)
contains.

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Color

Yxy(47.6163, 0.3526, 0.4253)

Conversions

Conversions Part 1

Format	Color
Hex	AEBF78
RGB	174, 191, 120
RGB Percent	68%, 75%, 47%
CMY	0.3176, 0.2510, 0.5296
CMYK	0.09, 0.00, 0.37, 0.25
HSL	74°, 36%, 61%
HSV	74°, 37%, 75%
XYZ	39.4769, 47.6163, 24.8662
YIQ	177.8230, 12.6590, -25.6850

Conversions

Conversions Part 2

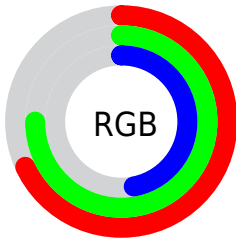
Format	Color
RYB	120, 191, 137
Decimal	11452280
CIELab	74.58, -17.39, 33.93
CIELCh	75, 38.123, 117.134
Yxy	47.6163, 0.3526, 0.4253
Android (android.graphics.Color)	4289642360 (0xFFAEBF78)
YUV	177.8230, -28.5067, -3.3528
Hunter-Lab	69.0046, -18.6398, 26.9377

Details

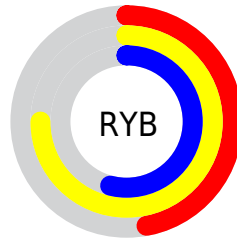
The Yxy color **47.6163, 0.3526, 0.4253** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.4991, 0.2612, 0.2224**, and the grayscale version is **44.5712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3617, 0.3462, 0.4071**, and **22.6122, 0.3605, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **46.6844, 0.3619, 0.4514**, and if you desaturate by 10%, it is **48.6628, 0.3423, 0.3986**.

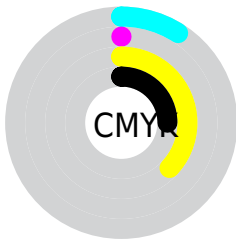
Distribution



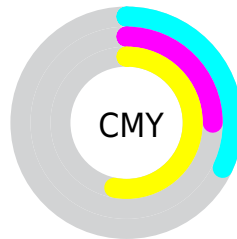
- Red (68%)
- Green (75%)
- Blue (47%)



- Red (47%)
- Yellow (75%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (37%)
- Black (25%)





- Cyan (32%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6163, 0.3526, 0.4253 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 47.6163, 0.3526, 0.4253 by changing the saturation by 10% instead.


 47.6163, 0.3526,
0.4253


 47.6163, 0.3526,
0.4253


377.2692, 0.3341,
0.3762

 33.5231, 0.3566,
0.4377


 86.6328, 0.3463,
0.4073

 22.5275, 0.3613,
0.4535


 112.3250, 0.3438,
0.4006

 14.2450, 0.3667,
0.4744


 142.6523, 0.3416,
0.3949

 8.2913, 0.3724,
0.5027

177.9991, 0.3397,
0.3901

 4.2819, 0.3789,
0.5457

218.7497, 0.3381,
0.3859

 1.8325, 0.3834,
0.6166

265.2887, 0.3366,

 0.5073, 0.1021,

0.3822

0.8979

318.0004, 0.3353,
0.3790

0.0000, 0.0000,
0.0000

47.6163, 0.3526,
0.4253

47.6163, 0.3526,
0.4253

46.6844, 0.3619,
0.4514

48.6628, 0.3423,
0.3986

45.8550, 0.3697,
0.4757

49.8228, 0.3314,
0.3721

45.1239, 0.3754,
0.4971

51.1032, 0.3205,
0.3465


44.4840, 0.3788,
0.5147


52.5086, 0.3097,
0.3224


43.9271, 0.3796,
0.5278


54.0434, 0.2994,
0.2999


 43.4417, 0.3781,
0.5364

 55.7116, 0.2896,
0.2793

 43.3126, 0.3775,
0.5385

 57.5170, 0.2805,
0.2605

 58.2661, 0.2829,
0.2599

 58.9485, 0.2861,
0.2605

Harmonies

Analogous

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



47.6163, 0.3960, 0.4106



47.6163, 0.3526, 0.4253



47.6163, 0.3006, 0.4088

Triad

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



47.6163, 0.3526, 0.4253



47.6163, 0.2174, 0.2694



47.6163, 0.3711, 0.2954

Complementary

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



47.6163, 0.3526, 0.4253



22.4991, 0.2612, 0.2224

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.



47.6163, 0.3181, 0.2642



47.6163, 0.3526, 0.4253



47.6163, 0.2323, 0.2480

Square

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



47.6163, 0.3526, 0.4253



47.6163, 0.2249, 0.3107



47.6163, 0.2677, 0.2471



47.6163, 0.4089, 0.3351

Rectangle

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



47.6163, 0.3526, 0.4253



47.6163, 0.2682, 0.3810



47.6163, 0.2677, 0.2471



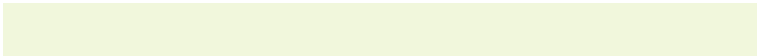
47.6163, 0.3542, 0.2837

Sweetspot

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



47.6184, 0.3526, 0.4253



90.5839, 0.3248, 0.3566



30.1918, 0.3936, 0.3521



19.8221, 0.3263, 0.3601



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.6184, 0.3526, 0.4253



83.8449, 0.3606, 0.4476



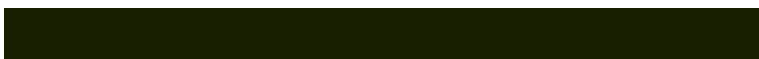
44.0989, 0.3223, 0.4353



11.0025, 0.3228, 0.3519



28.5019, 0.3781, 0.5380



1.1447, 0.3885, 0.5297

Inverse Universe

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



22.4991, 0.2612, 0.2224



32.1080, 0.2464, 0.1944



25.9623, 0.2968, 0.2325



9.3326, 0.3020, 0.3055



2.8805, 0.1643, 0.0679



0.1441, 0.1899, 0.0820

Previews

White Background



This preview shows how the Yxy color 47.6163, 0.3526, 0.4253 looks on a white background.

Color Contrast Check

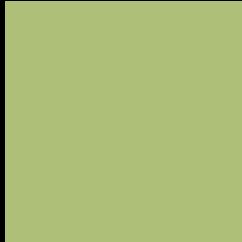
Large Text (above 18pt) WCAG AA × Fail

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 47.6163, 0.3526, 0.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

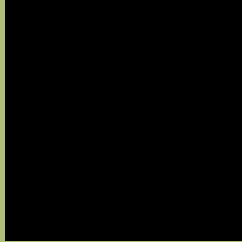
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6163, 0.3526, 0.4253

Background



This preview shows how black text looks on a background with the Yxy color 47.6163, 0.3526, 0.4253.



This preview shows how white text looks on a background with the Yxy color 47.6163, 0.3526, 0.4253.

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

47.6163, 0.3526, 0.4253

Protanopia

47.2934, 0.3812, 0.4125

Deuteranopia

47.1501, 0.3991, 0.3911



Tritanopia

47.6318, 0.3035, 0.3112

Trichromacy



Original Color

47.6163, 0.3526, 0.4253

Protanomaly

47.3730, 0.3706, 0.4174

Deuteranomaly

47.1494, 0.3818, 0.4031

Tritanomaly

47.2284, 0.3218, 0.3515

Monochromacy



Original Color

47.6163, 0.3526, 0.4253

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.6484, 0.3283, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6163, 0.3526, 0.4253 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(174, 191, 120)` looks like.

```
.text, #text, p{  
    color:rgb(174, 191, 120)  
}
```

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(174, 191, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 191, 120) }
```

Border

The CSS property to change the border of an element to Yxy 47.6163, 0.3526, 0.4253 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(174, 191, 120) }
```

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

```
.border{ border-color:rgb(174, 191, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 191, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 191, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 191, 120);  
box-shadow:4px 4px 4px 4px rgb(174, 191,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6163, 0.3526, 0.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 191, 120) }
```

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

```
.background{ background-color: rgb(174,  
191, 120) }
```

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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