

Converting Colors

Yxy(47.7187, 0.3140, 0.3431)

Have a look what the booklet for
Yxy(47.7187, 0.3140, 0.3431)
contains.

Yxy(47.6779, 0.3145, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.6779, 0.3145, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	B2BAAF
RGB	178, 186, 175
RGB Percent	70%, 73%, 69%
CMY	0.3021, 0.2705, 0.3136
CMYK	0.04, 0.00, 0.06, 0.27
HSL	104°, 7%, 71%
HSV	104°, 6%, 73%
XYZ	43.6527, 47.6779, 47.4697
YIQ	182.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

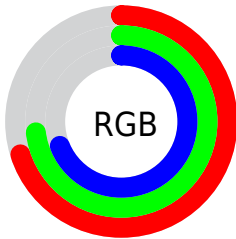
Format	Color
RYB	175, 186, 183
Decimal	11713199
CIELab	74.62, -4.84, 4.59
CIELCh	75, 6.671, 136.509
Yxy	47.6779, 0.3145, 0.3435
Android (android.graphics.Color)	4289903279 (0xFFB2BAAF)
YUV	182.3540, -3.6255, -3.8185
Hunter-Lab	69.0492, -7.9889, 7.5739

Details

The Yxy color $47.6779, 0.3145, 0.3435$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.2892, 0.3108, 0.3147$, and the grayscale version is $47.0018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7099, 0.3148, 0.3413$, and $22.5651, 0.3141, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $45.4675, 0.3174, 0.3702$, and if you desaturate by 10%, it is $50.1529, 0.3115, 0.3195$.

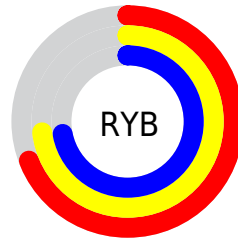
Distribution



Red (70%)

Green (73%)

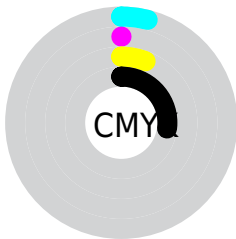
Blue (69%)



Red (69%)

Yellow (73%)

Blue (72%)

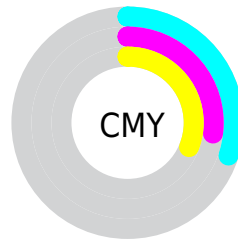


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (30%)

Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.6779, 0.3145, 0.3435 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 47.6779, 0.3145, 0.3435 by changing the saturation by 10% instead.

■ 47.6779, 0.3145,
0.3435

■ 47.6779, 0.3145,
0.3435

377.5140, 0.3136,
0.3362

■ 33.5719, 0.3147,
0.3453

■ 86.7246, 0.3142,
0.3408

■ 22.5649, 0.3150,
0.3477

112.4341, 0.3141,
0.3399

■ 14.2726, 0.3153,
0.3509

142.7803, 0.3140,
0.3390

■ 8.3105, 0.3157,
0.3553

178.1474, 0.3139,
0.3383

■ 4.2943, 0.3163,
0.3620

218.9200, 0.3138,
0.3377

■ 1.8395, 0.3172,
0.3734

265.4823, 0.3138,

■ 0.5116, 0.3299,

0.3371

0.4585

318.2188, 0.3137,
0.3366

0.0000, 0.0000,
0.0000

47.6779, 0.3145,
0.3435

47.6779, 0.3145,
0.3435

45.4675, 0.3174,
0.3702

50.1529, 0.3115,
0.3195

43.5068, 0.3200,
0.3995

52.8948, 0.3084,
0.2982

41.7888, 0.3222,
0.4309

55.9134, 0.3055,
0.2795

40.3035, 0.3236,
0.4635

59.2163, 0.3026,
0.2630

39.0404, 0.3240,
0.4959

61.9432, 0.3090,
0.2600

■ 37.9883, 0.3231,
0.5263

■ 63.6028, 0.3159,
0.2614

■ 37.1346, 0.3210,
0.5526

■ 36.4654, 0.3176,
0.5730

■ 35.9641, 0.3132,
0.5865

Harmonies

Analogous

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



47.6779, 0.3233, 0.3452



47.6779, 0.3145, 0.3435



47.6779, 0.3053, 0.3378

Triad

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



47.6779, 0.3145, 0.3435



47.6779, 0.2963, 0.3155



47.6779, 0.3274, 0.3281

Complementary

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



47.6779, 0.3145, 0.3435



44.2892, 0.3108, 0.3147

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.



47.6779, 0.3200, 0.3205



47.6779, 0.3145, 0.3435



47.6779, 0.3021, 0.3132

Square

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



47.6779, 0.3145, 0.3435



47.6779, 0.2949, 0.3215



47.6779, 0.3107, 0.3151



47.6779, 0.3309, 0.3361

Rectangle

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



47.6779, 0.3145, 0.3435



47.6779, 0.3002, 0.3325



47.6779, 0.3107, 0.3151



47.6779, 0.3253, 0.3254

Sweetspot

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



47.6799, 0.3145, 0.3435



88.0905, 0.3133, 0.3339



47.3614, 0.3216, 0.3392



19.4091, 0.3133, 0.3336



95.5105, 0.3127, 0.3290



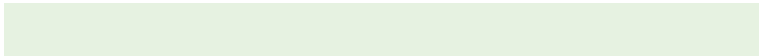
19.5994, 0.3127, 0.3290

Same Dimension

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



47.6799, 0.3145, 0.3435



85.9017, 0.3149, 0.3466



47.4297, 0.3102, 0.3404



10.2656, 0.3150, 0.3475



24.1121, 0.3123, 0.5903



0.8814, 0.3326, 0.5741

Inverse Universe

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



44.2892, 0.3108, 0.3147



78.5605, 0.3104, 0.3117



44.5540, 0.3153, 0.3179



9.3461, 0.3103, 0.3108



5.9526, 0.2548, 0.1177



0.2384, 0.2727, 0.1276

Previews

White Background



This preview shows how the Yxy color 47.6779, 0.3145, 0.3435 looks on a white background.

Color Contrast Check

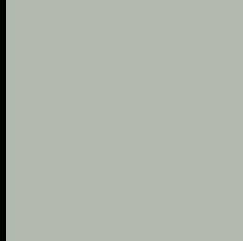
Large Text (above 18pt) WCAG AA × Fail

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 47.6779, 0.3145, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

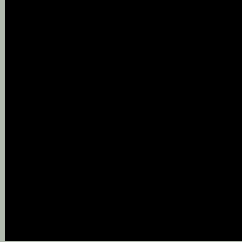
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

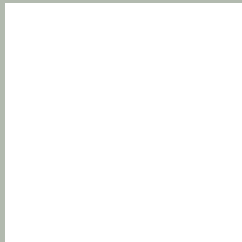
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6779, 0.3145, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 47.6779, 0.3145, 0.3435.

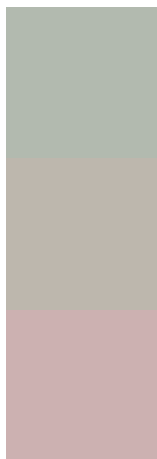


This preview shows how white text looks on a background with the Yxy color 47.6779, 0.3145, 0.3435.

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

47.6779, 0.3145, 0.3435

Protanopia

47.7029, 0.3259, 0.3419

Deuteranopia

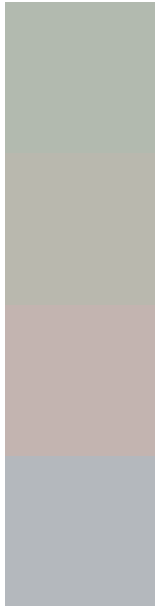
47.4560, 0.3367, 0.3291



Tritanopia

47.7219, 0.3003, 0.3111

Trichromacy



Original Color

47.6779, 0.3145, 0.3435

Protanomaly

47.6513, 0.3215, 0.3420

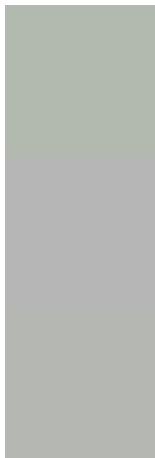
Deuteranomaly

47.3792, 0.3291, 0.3341

Tritanomaly

47.6584, 0.3055, 0.3225

Monochromacy



Original Color

47.6779, 0.3145, 0.3435

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9454, 0.3142, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6779, 0.3145, 0.3435 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(178, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 186, 175)  
}
```

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(178, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.6779, 0.3145, 0.3435 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(178, 186, 175) }
```

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

```
.border{ border-color:rgb(178, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6779, 0.3145, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 186, 175) }
```

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

```
.background{ background-color: rgb(178,  
186, 175) }
```

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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