

Converting Colors

$Yxy(47.2216, 0.3176, 0.3462)$

Have a look what the booklet for
Yxy(47.2216, 0.3176, 0.3462)
contains.

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Color

Yxy(47.2602, 0.3178, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9AC
RGB	179, 185, 172
RGB Percent	70%, 73%, 67%
CMY	0.2981, 0.2745, 0.3255
CMYK	0.03, 0.00, 0.07, 0.27
HSL	88°, 8%, 70%
HSV	88°, 7%, 73%
XYZ	43.3833, 47.2602, 45.8678
YIQ	181.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

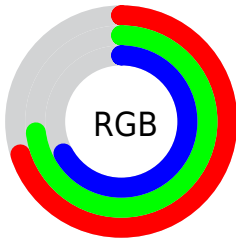
Format	Color
RYB	172, 185, 178
Decimal	11778476
CIELab	74.36, -4.49, 5.86
CIELCh	74, 7.382, 127.470
Yxy	47.2602, 0.3178, 0.3462
Android (android.graphics.Color)	4289968556 (0xFFB3B9AC)
YUV	181.7240, -4.7939, -2.3889
Hunter-Lab	68.7461, -7.6604, 8.5636

Details

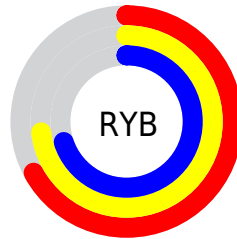
The Yxy color $47.2602, 0.3178, 0.3462$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.4792, 0.3074, 0.3118$, and the grayscale version is $46.6474, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1188, 0.3173, 0.3434$, and $22.2942, 0.3186, 0.3508$ is the 20% darker color. If you saturate the color by 10%, you get $45.6103, 0.3250, 0.3724$, and if you desaturate by 10%, it is $49.0766, 0.3106, 0.3220$.

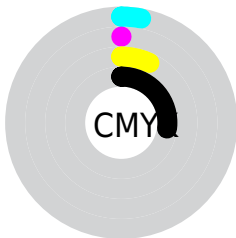
Distribution



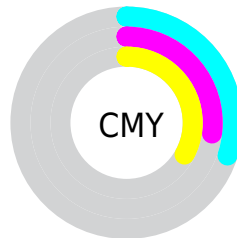
- Red (70%)
- Green (73%)
- Blue (67%)



- Red (67%)
- Yellow (73%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (30%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2602, 0.3178, 0.3462 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 47.2602, 0.3178, 0.3462 by changing the saturation by 10% instead.

■ 47.2602, 0.3178,
0.3462

■ 47.2602, 0.3178,
0.3462

375.8522, 0.3153,
0.3375

■ 33.2414, 0.3184,
0.3484

■ 86.1019, 0.3169,
0.3430

■ 22.3114, 0.3192,
0.3512

111.6936, 0.3166,
0.3419

■ 14.0859, 0.3202,
0.3550

141.9117, 0.3163,
0.3409

■ 8.1804, 0.3216,
0.3603

177.1406, 0.3160,
0.3400

■ 4.2106, 0.3237,
0.3683

217.7647, 0.3158,
0.3393

■ 1.7921, 0.3269,
0.3819

264.1684, 0.3156,

■ 0.4822, 0.3685,

0.3386

0.5096

316.7361, 0.3155,
0.3381

0.0000, 0.0000,
0.0000

47.2602, 0.3178,
0.3462

47.2602, 0.3178,
0.3462

45.6103, 0.3250,
0.3724

49.0766, 0.3106,
0.3220

44.1157, 0.3320,
0.4003

51.0584, 0.3036,
0.3000

42.7727, 0.3384,
0.4292


53.2124, 0.2968,
0.2802

41.5757, 0.3438,
0.4584

55.5429, 0.2905,
0.2623


40.5181, 0.3478,
0.4866


57.4266, 0.2908,
0.2551

 39.5931, 0.3499,
0.5125


 58.8136, 0.2972,
0.2564


 38.7929, 0.3498,
0.5346

 60.2703, 0.3037,
0.2578

 38.1088, 0.3475,
0.5518

 61.7978, 0.3102,
0.2592

 37.5289, 0.3431,
0.5638

 63.1816, 0.3159,
0.2605

Harmonies

Analogous

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



47.2602, 0.3269, 0.3465



47.2602, 0.3178, 0.3462



47.2602, 0.3074, 0.3411

Triad

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



47.2602, 0.3178, 0.3462



47.2602, 0.2935, 0.3156



47.2602, 0.3270, 0.3253

Complementary

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



47.2602, 0.3178, 0.3462



42.4792, 0.3074, 0.3118

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.



47.2602, 0.3178, 0.3174



47.2602, 0.3178, 0.3462



47.2602, 0.2986, 0.3118

Square

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



47.2602, 0.3178, 0.3462



47.2602, 0.2935, 0.3232



47.2602, 0.3074, 0.3125



47.2602, 0.3323, 0.3343

Rectangle

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



47.2602, 0.3178, 0.3462



47.2602, 0.3012, 0.3356



47.2602, 0.3074, 0.3125



47.2602, 0.3242, 0.3225

Sweetspot

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



47.2622, 0.3178, 0.3462



86.2235, 0.3142, 0.3339



45.0783, 0.3238, 0.3367



18.5954, 0.3141, 0.3336



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.2622, 0.3178, 0.3462



84.2970, 0.3186, 0.3490



46.5255, 0.3124, 0.3465



10.2910, 0.3195, 0.3521



25.4870, 0.3426, 0.5662



0.9349, 0.3619, 0.5508

Inverse Universe

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



42.4792, 0.3074, 0.3118



74.4607, 0.3065, 0.3090



43.2453, 0.3129, 0.3121



8.9179, 0.3055, 0.3059



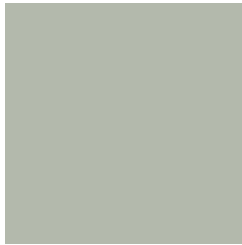
3.7655, 0.1967, 0.0857



0.1696, 0.2265, 0.1022

Previews

White Background



This preview shows how the Yxy color 47.2602, 0.3178, 0.3462 looks on a white background.

Color Contrast Check

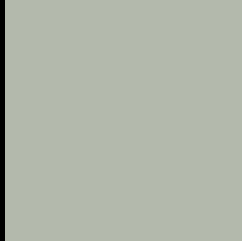
Large Text (above 18pt) WCAG AA × Fail

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 47.2602, 0.3178, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

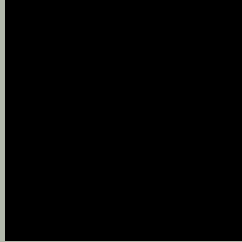
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

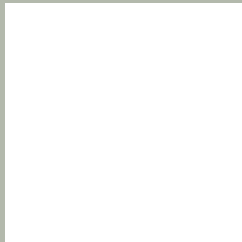
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2602, 0.3178, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 47.2602, 0.3178, 0.3462.



This preview shows how white text looks on a background with the Yxy color 47.2602, 0.3178, 0.3462.

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

47.2602, 0.3178, 0.3462

Protanopia

47.1770, 0.3285, 0.3446

Deuteranopia

47.3376, 0.3393, 0.3328



Tritanopia

47.1005, 0.3027, 0.3099

Trichromacy



Original Color

47.2602, 0.3178, 0.3462

Protanomaly

47.1215, 0.3240, 0.3447

Deuteranomaly

47.2617, 0.3316, 0.3380

Tritanomaly

46.9888, 0.3088, 0.3225

Monochromacy



Original Color

47.2602, 0.3178, 0.3462

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9051, 0.3150, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2602, 0.3178, 0.3462 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(179, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 172)  
}
```

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(179, 185, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.2602, 0.3178, 0.3462 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(179, 185, 172) }
```

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

```
.border{ border-color:rgb(179, 185, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 185, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2602, 0.3178, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 172) }
```

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

```
.background{ background-color: rgb(179,  
185, 172) }
```

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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