

Converting Colors

$Yxy(48.6563, 0.3035, 0.3212)$

Have a look what the booklet for
Yxy(48.6563, 0.3035, 0.3212)
contains.

Yxy(48.6269, 0.3032, 0.3213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.6269, 0.3032, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	B4BAC0
RGB	180, 186, 192
RGB Percent	71%, 73%, 75%
CMY	0.2943, 0.2705, 0.2471
CMYK	0.06, 0.03, 0.00, 0.25
HSL	210°, 9%, 73%
HSV	210°, 6%, 75%
XYZ	45.8876, 48.6269, 56.8298
YIQ	184.8900, -5.5020, 0.5940

Conversions

Conversions Part 2

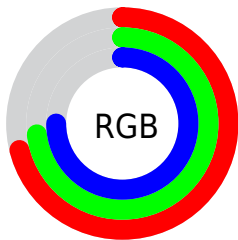
Format	Color
R _Y B	180, 184, 192
Decimal	11844288
CIE Lab	75.22, -0.94, -3.75
CIE LCh	75, 3.871, 255.939
Yxy	48.6269, 0.3032, 0.3213
Android (android.graphics.Color)	4290034368 (0xFFB4BAC0)
YUV	184.8900, 3.5052, -4.2885
Hunter-Lab	69.7330, -4.5714, 0.4940

Details

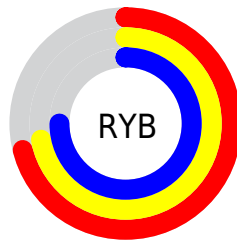
The Yxy color **48.6269, 0.3032, 0.3213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5881, 0.3225, 0.3366**, and the grayscale version is **48.4315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1144, 0.3053, 0.3230**, and **23.1512, 0.2999, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **42.5990, 0.2875, 0.3079**, and if you desaturate by 10%, it is **55.2460, 0.3183, 0.3333**.

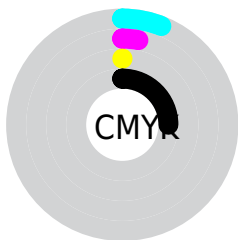
Distribution



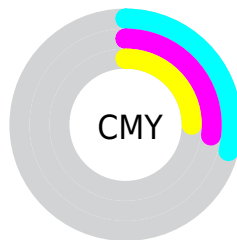
- Red (71%)
- Green (73%)
- Blue (75%)



- Red (71%)
- Yellow (72%)
- Blue (75%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (29%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6269, 0.3032, 0.3213 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 48.6269, 0.3032, 0.3213 by changing the saturation by 10% instead.

■ 48.6269, 0.3032,
0.3213

■ 48.6269, 0.3032,
0.3213

381.2717, 0.3079,
0.3251

■ 34.3236, 0.3020,
0.3203

■ 88.1371, 0.3049,
0.3227

■ 23.1423, 0.3005,
0.3191

114.1127, 0.3055,
0.3232

■ 14.6986, 0.2986,
0.3175

144.7480, 0.3061,
0.3237

■ 8.6081, 0.2958,
0.3153

180.4272, 0.3066,
0.3240

■ 4.4865, 0.2918,
0.3119

221.5348, 0.3070,
0.3244

■ 1.9492, 0.2852,
0.3064

268.4551, 0.3073,

■ 0.5777, 0.2637,

0.3247

0.2895

321.5726, 0.3076,
0.3249

0.0000, 0.0000,
0.0000

48.6269, 0.3032,
0.3213

48.6269, 0.3032,
0.3213

42.5990, 0.2875,
0.3079

55.2460, 0.3183,
0.3333

37.1380, 0.2714,
0.2930

62.4673, 0.3325,
0.3440

32.2265, 0.2552,
0.2767

70.3097, 0.3460,
0.3534

27.8440, 0.2392,
0.2592

78.4542, 0.3572,
0.3618

23.9686, 0.2240,
0.2407

83.7267, 0.3550,
0.3711

■ 20.5761, 0.2100,
0.2215

■ 89.2909, 0.3528,
0.3801

■ 17.6402, 0.1977,
0.2022

■ 95.1515, 0.3507,
0.3889

■ 15.1307, 0.1876,
0.1832

■ 96.5853, 0.3502,
0.3910

■ 13.0104, 0.1799,
0.1651

Harmonies

Analogous

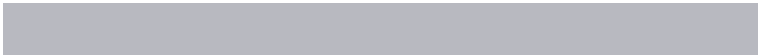
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.6269, 0.3024, 0.3248



48.6269, 0.3032, 0.3213



48.6269, 0.3065, 0.3199

Triad

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



48.6269, 0.3032, 0.3213



48.6269, 0.3211, 0.3284



48.6269, 0.3139, 0.3373

Complementary

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



48.6269, 0.3032, 0.3213



49.5881, 0.3225, 0.3366

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.



48.6269, 0.3189, 0.3383



48.6269, 0.3032, 0.3213



48.6269, 0.3231, 0.3331

Square

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



48.6269, 0.3032, 0.3213



48.6269, 0.3169, 0.3240



48.6269, 0.3223, 0.3367



48.6269, 0.3086, 0.3341

Rectangle

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



48.6269, 0.3032, 0.3213



48.6269, 0.3097, 0.3203



48.6269, 0.3223, 0.3367



48.6269, 0.3157, 0.3379

Sweetspot

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



48.6290, 0.3032, 0.3213



93.0686, 0.3097, 0.3266



50.9288, 0.3077, 0.3370



19.9925, 0.3098, 0.3267



97.7402, 0.3127, 0.3290



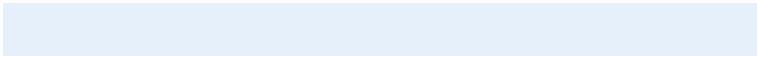
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6290, 0.3032, 0.3213



86.0088, 0.3003, 0.3189



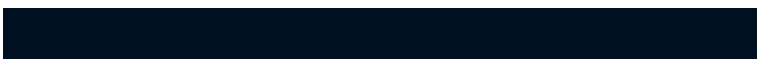
46.2113, 0.3033, 0.3137



10.5673, 0.2984, 0.3173



8.4297, 0.1780, 0.1607



0.5021, 0.1892, 0.2011

Inverse Universe

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



47.3775, 0.3182, 0.3214



83.1377, 0.3200, 0.3190



52.1055, 0.3219, 0.3439



10.1606, 0.3212, 0.3175



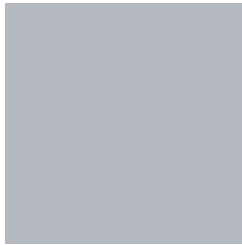
8.1332, 0.4922, 0.2485



0.3653, 0.4440, 0.2220

Previews

White Background



This preview shows how the Yxy color 48.6269, 0.3032, 0.3213 looks on a white background.

Color Contrast Check

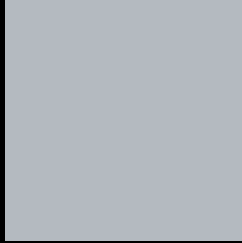
Large Text (above 18pt) WCAG AA × Fail

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 48.6269, 0.3032, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

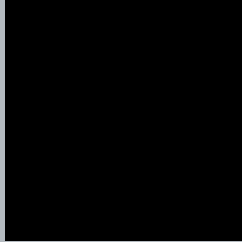
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

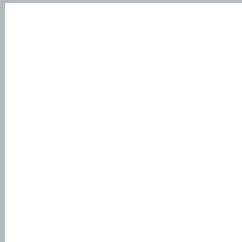
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6269, 0.3032, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 48.6269, 0.3032, 0.3213.



This preview shows how white text looks on a background with the Yxy color 48.6269, 0.3032, 0.3213.

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

48.6269, 0.3032, 0.3213

Protanopia

48.6074, 0.3098, 0.3201

Deuteranopia

48.6349, 0.3186, 0.3130



Tritanopia

48.6452, 0.2988, 0.3112

Trichromacy



Original Color

48.6269, 0.3032, 0.3213

Protanomaly

48.6499, 0.3073, 0.3213

Deuteranomaly

48.5126, 0.3125, 0.3153

Tritanomaly

48.5072, 0.3011, 0.3149

Monochromacy



Original Color

48.6269, 0.3032, 0.3213

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3960, 0.3087, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6269, 0.3032, 0.3213 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(180, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 186, 192)  
}
```

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(180, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 48.6269, 0.3032, 0.3213 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(180, 186, 192) }
```

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

```
.border{ border-color:rgb(180, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 186,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6269, 0.3032, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 186, 192) }
```

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

```
.background{ background-color: rgb(180,  
186, 192) }
```

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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