

Converting Colors

Yxy(46.0380, 0.2891, 0.3165)

Have a look what the booklet for
Yxy(46.0380, 0.2891, 0.3165)
contains.

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Color

Yxy(46.0237, 0.2897, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	A4B8C1
RGB	164, 184, 193
RGB Percent	64%, 72%, 76%
CMY	0.3570, 0.2784, 0.2430
CMYK	0.15, 0.05, 0.00, 0.24
HSL	199°, 19%, 70%
HSV	199°, 15%, 76%
XYZ	42.0734, 46.0237, 57.1339
YIQ	179.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

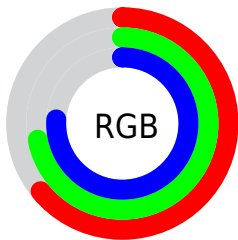
Format	Color
RYB	164, 176, 193
Decimal	10795201
CIELab	73.56, -4.98, -6.90
CIElCh	74, 8.508, 234.186
Yxy	46.0237, 0.2897, 0.3169
Android (android.graphics.Color)	4288985281 (0xFFA4B8C1)
YUV	179.0460, 6.8793, -13.1953
Hunter-Lab	67.8408, -8.0194, -2.4441

Details

The Yxy color $46.0237, 0.2897, 0.3169$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.9032, 0.3387, 0.3408$, and the grayscale version is $45.0727, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.2198, 0.2940, 0.3196$, and $21.5708, 0.2829, 0.3124$ is the 20% darker color. If you saturate the color by 10%, you get $41.6890, 0.2745, 0.3079$, and if you desaturate by 10%, it is $50.7793, 0.3050, 0.3251$.

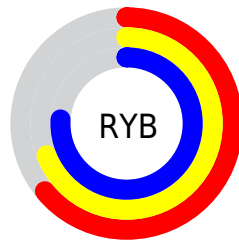
Distribution



Red (64%)

Green (72%)

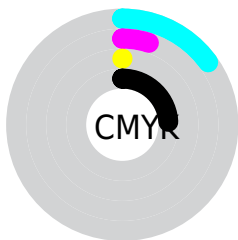
Blue (76%)



Red (64%)

Yellow (69%)

Blue (76%)

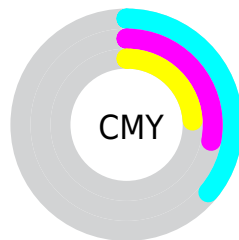


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (24%)



Cyan (36%)


Magenta (28%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0237, 0.2897, 0.3169 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 46.0237, 0.2897, 0.3169 by changing the saturation by 10% instead.


 46.0237, 0.2897,
0.3169

 46.0237, 0.2897,
0.3169


370.9039, 0.3012,
0.3230

 32.2645, 0.2869,
0.3153


 84.2545, 0.2939,
0.3192

 21.5636, 0.2832,
0.3133


 109.4948, 0.2954,
0.3200

 13.5366, 0.2784,
0.3106


139.3311, 0.2967,
0.3207

 7.7991, 0.2716,
0.3067

174.1476, 0.2979,
0.3213

 3.9667, 0.2617,
0.3009

214.3287, 0.2989,
0.3218

 1.6549, 0.2454,
0.2910

260.2589, 0.2997,

 0.3942, 0.1624,

0.3223

0.2529

312.3225, 0.3005,
0.3227

0.0000, 0.0000,
0.0000

46.0237, 0.2897,
0.3169

46.0237, 0.2897,
0.3169

41.6890, 0.2745,
0.3079

50.7793, 0.3050,
0.3251

37.7543, 0.2597,
0.2980

55.9645, 0.3202,
0.3326

34.2049, 0.2457,
0.2875

61.5947, 0.3350,
0.3392

31.0233, 0.2327,
0.2765

67.6831, 0.3494,
0.3451

28.1899, 0.2212,
0.2649

73.1868, 0.3588,
0.3506

■ 25.6831, 0.2115,
0.2532

■ 76.2748, 0.3574,
0.3566

■ 23.4778, 0.2038,
0.2414

■ 79.4754, 0.3560,
0.3625

■ 21.5441, 0.1980,
0.2298

■ 82.7899, 0.3547,
0.3684

■ 20.6587, 0.1956,
0.2241

■ 86.2194, 0.3533,
0.3741

Harmonies

Analogous

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



46.0237, 0.2924, 0.3270



46.0237, 0.2897, 0.3169



46.0237, 0.2930, 0.3104

Triad

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



46.0237, 0.2897, 0.3169



46.0237, 0.3250, 0.3204



46.0237, 0.3237, 0.3499

Complementary

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



46.0237, 0.2897, 0.3169



43.9032, 0.3387, 0.3408

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.



46.0237, 0.3327, 0.3477



46.0237, 0.2897, 0.3169



46.0237, 0.3335, 0.3305

Square

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



46.0237, 0.2897, 0.3169



46.0237, 0.3132, 0.3125



46.0237, 0.3363, 0.3405



46.0237, 0.3119, 0.3463

Rectangle

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



46.0237, 0.2897, 0.3169



46.0237, 0.2982, 0.3088



46.0237, 0.3363, 0.3405



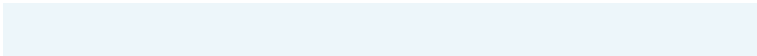
46.0237, 0.3271, 0.3498

Sweetspot

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



46.0256, 0.2897, 0.3169



90.8950, 0.3050, 0.3251



49.0468, 0.3045, 0.3565



19.3653, 0.3039, 0.3246



97.7402, 0.3127, 0.3290



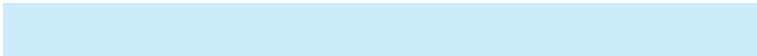
20.4902, 0.3127, 0.3290

Same Dimension

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



46.0256, 0.2897, 0.3169



79.8190, 0.2848, 0.3141



40.4083, 0.2890, 0.2974



10.8839, 0.2984, 0.3217



13.8836, 0.1960, 0.2256



0.7179, 0.2032, 0.2514

Inverse Universe

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



41.3423, 0.3223, 0.3034



69.9815, 0.3247, 0.2977



49.6530, 0.3361, 0.3587



10.1926, 0.3184, 0.3132



8.6838, 0.4173, 0.2072



0.3871, 0.3909, 0.1927

Previews

White Background



This preview shows how the Yxy color 46.0237, 0.2897, 0.3169 looks on a white background.

Color Contrast Check

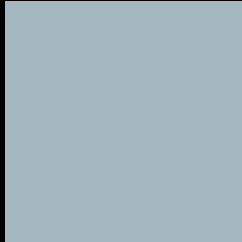
Large Text (above 18pt) WCAG AA × Fail

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 46.0237, 0.2897, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

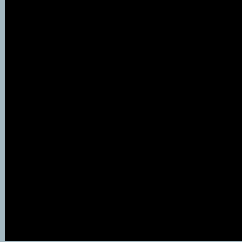
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

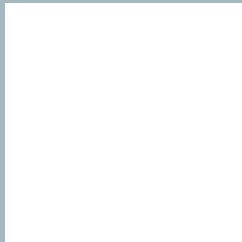
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.0237, 0.2897, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 46.0237, 0.2897, 0.3169.



This preview shows how white text looks on a background with the Yxy color 46.0237, 0.2897, 0.3169.

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

46.0237, 0.2897, 0.3169

Protanopia

45.7817, 0.3057, 0.3147

Deuteranopia

45.6764, 0.3104, 0.3038



Tritanopia

45.9435, 0.2869, 0.3091

Trichromacy



Original Color

46.0237, 0.2897, 0.3169

Protanomaly

45.9233, 0.2999, 0.3159

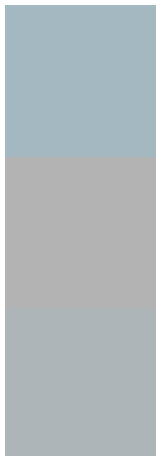
Deuteranomaly

45.5596, 0.3026, 0.3084

Tritanomaly

45.8518, 0.2883, 0.3117

Monochromacy



Original Color

46.0237, 0.2897, 0.3169

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5071, 0.3045, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0237, 0.2897, 0.3169 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(164, 184, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 184, 193)  
}
```

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(164, 184, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 184, 193) }
```

Border

The CSS property to change the border of an element to Yxy 46.0237, 0.2897, 0.3169 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(164, 184, 193) }
```

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

```
.border{ border-color:rgb(164, 184, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 184, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 184, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 184, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 184,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0237, 0.2897, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 184, 193) }
```

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

```
.background{ background-color: rgb(164,  
184, 193) }
```

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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