

Converting Colors

$Yxy(50.2512, 0.2901, 0.3022)$

Have a look what the booklet for
Yxy(50.2512, 0.2901, 0.3022)
contains.

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Color

Yxy(50.1536, 0.2902, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	B3BCD1
RGB	179, 188, 209
RGB Percent	70%, 74%, 82%
CMY	0.2980, 0.2627, 0.1805
CMYK	0.14, 0.10, 0.00, 0.18
HSL	222°, 25%, 76%
HSV	222°, 14%, 82%
XYZ	48.0825, 50.1536, 67.4514
YIQ	187.7030, -12.1050, 4.6230

Conversions

Conversions Part 2

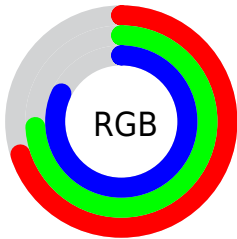
Format	Color
R _Y B	179, 186, 209
Decimal	11779281
CIE Lab	76.16, 1.14, -11.59
CIE LCh	76, 11.647, 275.637
Yxy	50.1536, 0.2902, 0.3027
Android (android.graphics.Color)	4289969361 (0xFFB3BCD1)
YUV	187.7030, 10.4994, -7.6325
Hunter-Lab	70.8192, -2.7415, -6.8970

Details

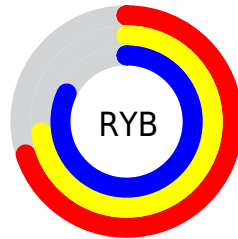
The Yxy color **50.1536, 0.2902, 0.3027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1117, 0.3355, 0.3540**, and the grayscale version is **50.0586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5835, 0.3006, 0.3180**, and **24.1301, 0.2836, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **41.9137, 0.2731, 0.2817**, and if you desaturate by 10%, it is **59.4087, 0.3062, 0.3215**.

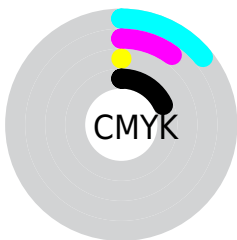
Distribution



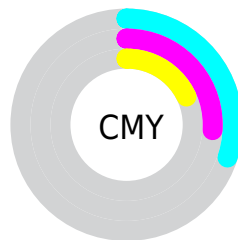
- Red (70%)
- Green (74%)
- Blue (82%)



- Red (70%)
- Yellow (73%)
- Blue (82%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1536, 0.2902, 0.3027 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 50.1536, 0.2902, 0.3027 by changing the saturation by 10% instead.

■ 50.1536, 0.2902,
0.3027

■ 50.1536, 0.2902,
0.3027

387.2663, 0.3013,
0.3156

■ 35.5355, 0.2875,
0.2996

■ 90.4024, 0.2942,
0.3073

■ 24.0756, 0.2840,
0.2956

116.8019, 0.2957,
0.3091

■ 15.3897, 0.2795,
0.2903

147.8972, 0.2970,
0.3106

■ 9.0934, 0.2733,
0.2832

184.0729, 0.2981,
0.3119

■ 4.8021, 0.2642,
0.2728

225.7132, 0.2990,
0.3130

■ 2.1316, 0.2499,
0.2565

273.2026, 0.2999,

■ 0.6823, 0.2225,

0.3140

0.2244

326.9255, 0.3006,
0.3148

0.0000, 0.0000,
0.0000

50.1536, 0.2902,
0.3027

50.1536, 0.2902,
0.3027

41.9137, 0.2731,
0.2817

59.4087, 0.3062,
0.3215

34.6471, 0.2552,
0.2585

69.7066, 0.3209,
0.3382

28.3180, 0.2369,
0.2334

81.0816, 0.3344,
0.3528

22.8858, 0.2188,
0.2071

92.0928, 0.3414,
0.3662

18.3068, 0.2017,
0.1803

97.3822, 0.3400,
0.3741

■ 14.5332, 0.1865,
0.1541

■ 11.5116, 0.1739,
0.1299

■ 9.1807, 0.1647,
0.1087

■ 8.1211, 0.1607,
0.0984

Harmonies

Analogous

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



50.1536, 0.2830, 0.3088



50.1536, 0.2902, 0.3027



50.1536, 0.3035, 0.3035

Triad

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



50.1536, 0.2902, 0.3027



50.1536, 0.3428, 0.3361



50.1536, 0.3054, 0.3485

Complementary

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



50.1536, 0.2902, 0.3027



58.1117, 0.3355, 0.3540

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.



50.1536, 0.3214, 0.3561



50.1536, 0.2902, 0.3027



50.1536, 0.3433, 0.3484

Square

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



50.1536, 0.2902, 0.3027



50.1536, 0.3341, 0.3224



50.1536, 0.3354, 0.3559



50.1536, 0.2916, 0.3353

Rectangle

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



50.1536, 0.2902, 0.3027



50.1536, 0.3141, 0.3076



50.1536, 0.3354, 0.3559



50.1536, 0.3107, 0.3518

Sweetspot

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



50.1557, 0.2902, 0.3027



93.6447, 0.3066, 0.3220



59.3444, 0.2969, 0.3400



19.7944, 0.3054, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



50.1557, 0.2902, 0.3027



74.8270, 0.2854, 0.2969



47.1652, 0.2946, 0.2917



11.9875, 0.2982, 0.3123



5.1603, 0.1614, 0.1008



0.4274, 0.1717, 0.1382

Inverse Universe

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



49.4302, 0.3315, 0.3182



73.5894, 0.3359, 0.3160



61.5387, 0.3293, 0.3648



11.8658, 0.3244, 0.3221



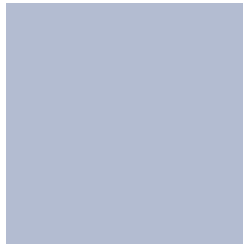
8.5922, 0.5746, 0.2939



0.4944, 0.5215, 0.2646

Previews

White Background



This preview shows how the Yxy color 50.1536, 0.2902, 0.3027 looks on a white background.

Color Contrast Check

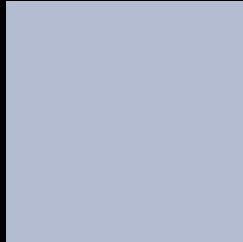
Large Text (above 18pt) WCAG AA × Fail

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 50.1536, 0.2902, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

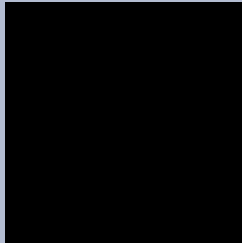
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

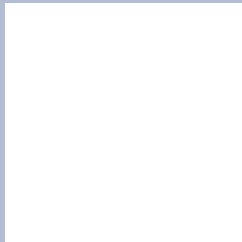
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1536, 0.2902, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 50.1536, 0.2902, 0.3027.



This preview shows how white text looks on a background with the Yxy color 50.1536, 0.2902, 0.3027.

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

50.1536, 0.2902, 0.3027

Protanopia

49.9862, 0.2955, 0.3017

Deuteranopia

50.1222, 0.3019, 0.2963



Tritanopia

50.2198, 0.2930, 0.3100

Trichromacy



Original Color

50.1536, 0.2902, 0.3027

Protanomaly

50.1620, 0.2939, 0.3028

Deuteranomaly

50.1699, 0.2971, 0.2983

Tritanomaly

50.3164, 0.2915, 0.3075

Monochromacy



Original Color

50.1536, 0.2902, 0.3027

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.2662, 0.3042, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1536, 0.2902, 0.3027 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, 188, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 188, 209)  
}
```

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, 188, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 188, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.1536, 0.2902, 0.3027 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, 188, 209) }
```

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

```
.border{ border-color:rgb(179, 188, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 188, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 188, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 188, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 188,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1536, 0.2902, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 188, 209) }
```

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

```
.background{ background-color: rgb(179,  
188, 209) }
```

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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