

Converting Colors

Yxy(51.9729, 0.2834, 0.3011)

Have a look what the booklet for
Yxy(51.9729, 0.2834, 0.3011)
contains.

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Color

Yxy(52.1602, 0.2834, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	AFC1D7
RGB	175, 193, 215
RGB Percent	69%, 76%, 84%
CMY	0.3138, 0.2431, 0.1569
CMYK	0.19, 0.10, 0.00, 0.16
HSL	213°, 33%, 76%
HSV	213°, 19%, 84%
XYZ	49.0126, 52.1602, 71.7722
YIQ	190.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

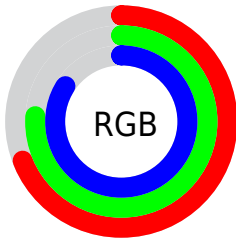
Format	Color
R_{YB}	175, 187, 215
Decimal	11518423
CIE _{Lab}	77.38, -1.53, -13.06
CIE _{LCh}	77, 13.154, 263.310
Yxy	52.1602, 0.2834, 0.3016
Android (android.graphics.Color)	4289708503 (0xFFAFC1D7)
YUV	190.1260, 12.2629, -13.2655
Hunter-Lab	72.2220, -5.2517, -8.3653

Details

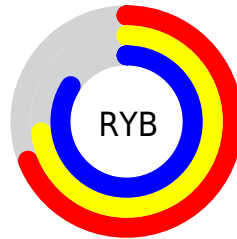
The Yxy color $52.1602, 0.2834, 0.3016$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.4652, 0.3442, 0.3550$, and the grayscale version is $51.5047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9603, 0.2981, 0.3230$, and $25.4318, 0.2758, 0.2954$ is the 20% darker color. If you saturate the color by 10%, you get $44.8515, 0.2668, 0.2845$, and if you desaturate by 10%, it is $60.2868, 0.2995, 0.3170$.

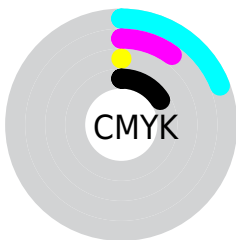
Distribution



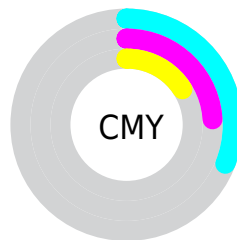
- Red (69%)
- Green (76%)
- Blue (84%)



- Red (69%)
- Yellow (73%)
- Blue (84%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (31%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1602, 0.2834, 0.3016 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 52.1602, 0.2834, 0.3016 by changing the saturation by 10% instead.

■ 52.1602, 0.2834,
0.3016

■ 52.1602, 0.2834,
0.3016

■ 395.0548, 0.2977,
0.3150

■ 37.1328, 0.2800,
0.2983

■ 93.3675, 0.2885,
0.3064

■ 25.3103, 0.2756,
0.2942

■ 120.3161, 0.2904,
0.3082

■ 16.3084, 0.2699,
0.2888

■ 152.0072, 0.2921,
0.3098

■ 9.7426, 0.2622,
0.2814

■ 188.8253, 0.2935,
0.3111

■ 5.2287, 0.2511,
0.2708

■ 231.1547, 0.2948,
0.3123

■ 2.3820, 0.2341,
0.2543

■ 279.3798, 0.2959,

■ 0.8166, 0.2038,

0.3133

0.2253

333.8850, 0.2968,
0.3142

0.0000, 0.0000,
0.0000

52.1602, 0.2834,
0.3016

52.1602, 0.2834,
0.3016

44.8515, 0.2668,
0.2845

60.2868, 0.2995,
0.3170

38.3258, 0.2500,
0.2659

69.2517, 0.3148,
0.3308

32.5551, 0.2334,
0.2459

79.0825, 0.3292,
0.3430

27.5066, 0.2176,
0.2249

88.6498, 0.3385,
0.3541

23.1451, 0.2032,
0.2034

95.8465, 0.3368,
0.3654

■ 19.4312, 0.1907,
0.1820

■ 97.6862, 0.3364,
0.3681

■ 16.3200, 0.1807,
0.1615

■ 13.7487, 0.1732,
0.1424

■ 13.4229, 0.1722,
0.1399

Harmonies

Analogous

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



52.1602, 0.2788, 0.3112



52.1602, 0.2834, 0.3016



52.1602, 0.2957, 0.2993

Triad

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



52.1602, 0.2834, 0.3016



52.1602, 0.3433, 0.3306



52.1602, 0.3118, 0.3553

Complementary

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



52.1602, 0.2834, 0.3016



57.4652, 0.3442, 0.3550

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.



52.1602, 0.3293, 0.3603



52.1602, 0.2834, 0.3016



52.1602, 0.3478, 0.3453

Square

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



52.1602, 0.2834, 0.3016



52.1602, 0.3304, 0.3158



52.1602, 0.3426, 0.3564



52.1602, 0.2949, 0.3426

Rectangle

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



52.1602, 0.2834, 0.3016



52.1602, 0.3068, 0.3021



52.1602, 0.3426, 0.3564



52.1602, 0.3178, 0.3579

Sweetspot

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



52.1623, 0.2834, 0.3016



91.9640, 0.3035, 0.3207



61.7130, 0.2965, 0.3521



19.5028, 0.3024, 0.3198



0.0000, 0.0000, 0.0000



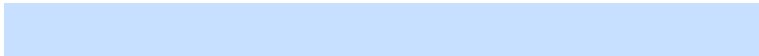
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1623, 0.2834, 0.3016



72.7482, 0.2775, 0.2956



44.8304, 0.2832, 0.2786



12.9205, 0.2982, 0.3158



8.2341, 0.1730, 0.1426



0.6606, 0.1822, 0.1759

Inverse Universe

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



48.9536, 0.3331, 0.3078



67.4516, 0.3380, 0.3035



65.9400, 0.3395, 0.3752



12.5129, 0.3221, 0.3185



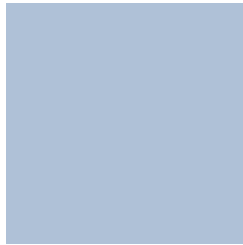
9.1761, 0.5156, 0.2614



0.5700, 0.4735, 0.2382

Previews

White Background



This preview shows how the Yxy color 52.1602, 0.2834, 0.3016 looks on a white background.

Color Contrast Check

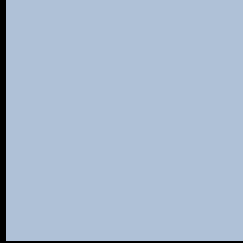
Large Text (above 18pt) WCAG AA × Fail

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 52.1602, 0.2834, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

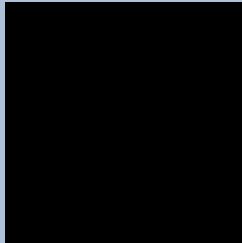
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1602, 0.2834, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 52.1602, 0.2834, 0.3016.



This preview shows how white text looks on a background with the Yxy color 52.1602, 0.2834, 0.3016.

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

52.1602, 0.2834, 0.3016

Protanopia

51.8907, 0.2943, 0.2997

Deuteranopia

51.9460, 0.2991, 0.2933



Tritanopia

52.1857, 0.2867, 0.3101

Trichromacy



Original Color

52.1602, 0.2834, 0.3016

Protanomaly

51.7492, 0.2898, 0.2995

Deuteranomaly

52.1719, 0.2929, 0.2963

Tritanomaly

52.2854, 0.2854, 0.3076

Monochromacy



Original Color

52.1602, 0.2834, 0.3016

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6994, 0.3020, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1602, 0.2834, 0.3016 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(175, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 193, 215)  
}
```

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(175, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 215) }
```

Border

The CSS property to change the border of an element to Yxy 52.1602, 0.2834, 0.3016 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(175, 193, 215) }
```

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

```
.border{ border-color:rgb(175, 193, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(175, 193,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1602, 0.2834, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 215) }
```

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

```
.background{ background-color: rgb(175,  
193, 215) }
```

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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