

Converting Colors

$Yxy(52.2459, 0.2796, 0.3005)$

Have a look what the booklet for
Yxy(52.2459, 0.2796, 0.3005)
contains.

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Color

Yxy(52.2513, 0.2793, 0.3002)

Conversions

Conversions Part 1

Format	Color
Hex	ABC2D9
RGB	171, 194, 217
RGB Percent	67%, 76%, 85%
CMY	0.3294, 0.2392, 0.1489
CMYK	0.21, 0.11, 0.00, 0.15
HSL	210°, 38%, 76%
HSV	210°, 21%, 85%
XYZ	48.6136, 52.2513, 73.1901
YIQ	189.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

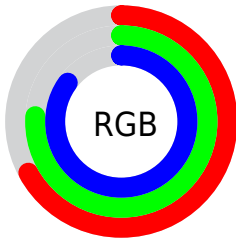
Format	Color
RYB	171, 186, 217
Decimal	11256537
CIELab	77.43, -2.86, -14.11
CIELCh	77, 14.396, 258.551
Yxy	52.2513, 0.2793, 0.3002
Android (android.graphics.Color)	4289446617 (0xFFABC2D9)
YUV	189.7450, 13.4367, -16.4394
Hunter-Lab	72.2851, -6.4530, -9.4328

Details

The Yxy color $52.2513, 0.2793, 0.3002$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.2941, 0.3497, 0.3562$, and the grayscale version is $51.2704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9221, 0.2957, 0.3239$, and $25.2164, 0.2705, 0.2918$ is the 20% darker color. If you saturate the color by 10%, you get $45.3548, 0.2629, 0.2843$, and if you desaturate by 10%, it is $59.9054, 0.2954, 0.3146$.

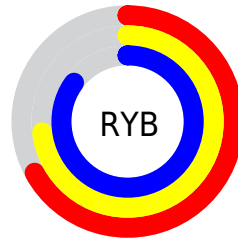
Distribution



Red (67%)

Green (76%)

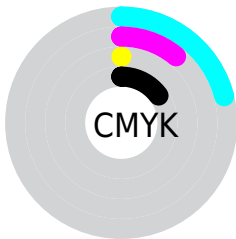
Blue (85%)



Red (67%)

Yellow (73%)

Blue (85%)

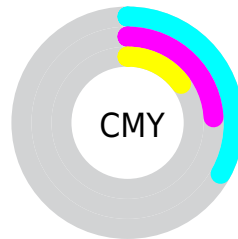


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (24%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2513, 0.2793, 0.3002 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 52.2513, 0.2793, 0.3002 by changing the saturation by 10% instead.

■ 52.2513, 0.2793,
0.3002

■ 52.2513, 0.2793,
0.3002

395.4060, 0.2955,
0.3143

■ 37.2054, 0.2754,
0.2968

■ 93.5017, 0.2851,
0.3053

■ 25.3666, 0.2705,
0.2924

120.4751, 0.2873,
0.3072

■ 16.3504, 0.2640,
0.2867

152.1931, 0.2892,
0.3088

■ 9.7724, 0.2554,
0.2789

189.0401, 0.2908,
0.3102

■ 5.2483, 0.2430,
0.2677

231.4005, 0.2922,
0.3115

■ 2.3937, 0.2240,
0.2503

279.6586, 0.2935,

■ 0.8226, 0.1905,

0.3125

0.2200

334.1990, 0.2946,
0.3135

0.0000, 0.0000,
0.0000

52.2513, 0.2793,
0.3002

52.2513, 0.2793,
0.3002

45.3548, 0.2629,
0.2843

59.9054, 0.2954,
0.3146

39.1825, 0.2466,
0.2671

68.3363, 0.3109,
0.3275

33.7076, 0.2308,
0.2487

77.5700, 0.3257,
0.3390

28.8990, 0.2160,
0.2295

87.0923, 0.3376,
0.3493

24.7223, 0.2028,
0.2099

93.5871, 0.3361,
0.3598

■ 21.1394, 0.1915,
0.1904

■ 97.7914, 0.3351,
0.3661

■ 18.1055, 0.1827,
0.1716

■ 15.8311, 0.1767,
0.1559

Harmonies

Analogous

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



52.2513, 0.2758, 0.3118



52.2513, 0.2793, 0.3002



52.2513, 0.2915, 0.2965

Triad

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



52.2513, 0.2793, 0.3002



52.2513, 0.3445, 0.3280



52.2513, 0.3148, 0.3593

Complementary

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



52.2513, 0.2793, 0.3002



56.2941, 0.3497, 0.3562

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.



52.2513, 0.3336, 0.3632



52.2513, 0.2793, 0.3002



52.2513, 0.3511, 0.3444

Square

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



52.2513, 0.2793, 0.3002



52.2513, 0.3292, 0.3123



52.2513, 0.3470, 0.3574



52.2513, 0.2959, 0.3465

Rectangle

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



52.2513, 0.2793, 0.3002



52.2513, 0.3032, 0.2986



52.2513, 0.3470, 0.3574



52.2513, 0.3213, 0.3617

Sweetspot

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



52.2534, 0.2793, 0.3002



92.4256, 0.3035, 0.3215



62.1960, 0.2953, 0.3577



19.6118, 0.3024, 0.3206



0.0000, 0.0000, 0.0000



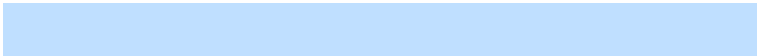
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2534, 0.2793, 0.3002



71.1601, 0.2727, 0.2940



42.7950, 0.2772, 0.2703



13.6868, 0.2982, 0.3170



9.7916, 0.1774, 0.1584



0.8067, 0.1856, 0.1880

Inverse Universe

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



47.7774, 0.3346, 0.3021



63.9641, 0.3398, 0.2967



67.3393, 0.3445, 0.3816



13.1595, 0.3214, 0.3174



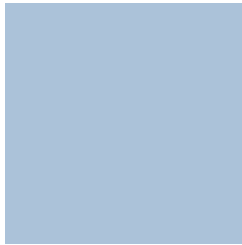
9.6122, 0.4951, 0.2501



0.6401, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 52.2513, 0.2793, 0.3002 looks on a white background.

Color Contrast Check

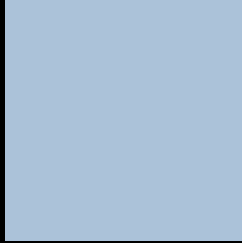
Large Text (above 18pt) WCAG AA × Fail

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 52.2513, 0.2793, 0.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

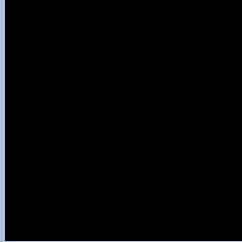
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

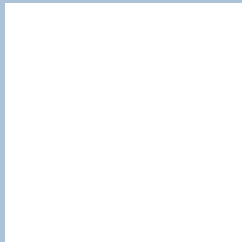
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2513, 0.2793, 0.3002

Background



This preview shows how black text looks on a background with the Yxy color 52.2513, 0.2793, 0.3002.



This preview shows how white text looks on a background with the Yxy color 52.2513, 0.2793, 0.3002.

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

52.2513, 0.2793, 0.3002

Protanopia

52.2467, 0.2928, 0.2997

Deuteranopia

51.9680, 0.2962, 0.2898



Tritanopia

52.2794, 0.2826, 0.3087

Trichromacy



Original Color

52.2513, 0.2793, 0.3002

Protanomaly

51.9917, 0.2877, 0.2994

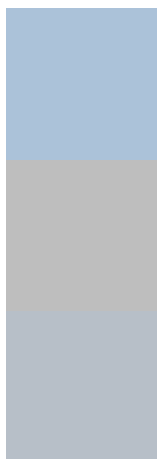
Deuteranomaly

52.0219, 0.2900, 0.2939

Tritanomaly

52.3804, 0.2813, 0.3063

Monochromacy



Original Color

52.2513, 0.2793, 0.3002

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4990, 0.2997, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2513, 0.2793, 0.3002 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(171, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(171, 194, 217)  
}
```

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(171, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 194, 217) }
```

Border

The CSS property to change the border of an element to Yxy 52.2513, 0.2793, 0.3002 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(171, 194, 217) }
```

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

```
.border{ border-color:rgb(171, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 194, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 194, 217);  
box-shadow:4px 4px 4px 4px rgb(171, 194,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2513, 0.2793, 0.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 194, 217) }
```

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

```
.background{ background-color: rgb(171,  
194, 217) }
```

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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