

Converting Colors

$Yxy(44.6224, 0.2789, 0.2997)$

Have a look what the booklet for
Yxy(44.6224, 0.2789, 0.2997)
contains.

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Color

Yxy(44.7305, 0.2787, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5CB
RGB	159, 181, 203
RGB Percent	62%, 71%, 80%
CMY	0.3765, 0.2902, 0.2040
CMYK	0.22, 0.11, 0.00, 0.20
HSL	210°, 30%, 71%
HSV	210°, 22%, 80%
XYZ	41.5962, 44.7305, 62.9242
YIQ	176.9300, -20.1740, 2.1780

Conversions

Conversions Part 2

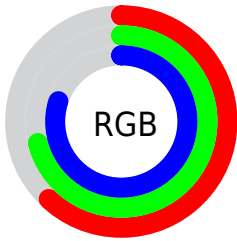
Format	Color
R _Y B	159, 174, 203
Decimal	10466763
CIE Lab	72.71, -2.77, -13.63
CIE LCh	73, 13.914, 258.498
Yxy	44.7305, 0.2787, 0.2997
Android (android.graphics.Color)	4288656843 (0xFF9FB5CB)
YUV	176.9300, 12.8525, -15.7246
Hunter-Lab	66.8809, -6.0243, -8.9658

Details

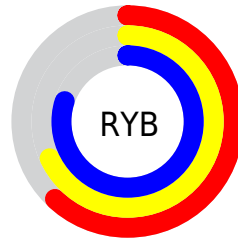
The Yxy color $44.7305, 0.2787, 0.2997$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.2216, 0.3505, 0.3566$, and the grayscale version is $43.8660, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0845, 0.2875, 0.3102$, and $20.7341, 0.2691, 0.2905$ is the 20% darker color. If you saturate the color by 10%, you get $38.8523, 0.2624, 0.2839$, and if you desaturate by 10%, it is $51.2529, 0.2947, 0.3141$.

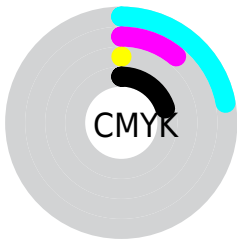
Distribution



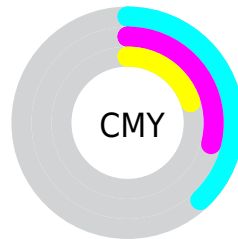
- Red (62%)
- Green (71%)
- Blue (80%)



- Red (62%)
- Yellow (68%)
- Blue (80%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7305, 0.2787, 0.2997 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 44.7305, 0.2787, 0.2997 by changing the saturation by 10% instead.

■ 44.7305, 0.2787,
0.2997

■ 44.7305, 0.2787,
0.2997

365.6810, 0.2957,
0.3145

■ 31.2452, 0.2745,
0.2960

■ 82.3158, 0.2848,
0.3051

■ 20.7856, 0.2691,
0.2912

■ 107.1847, 0.2872,
0.3071

■ 12.9674, 0.2620,
0.2849

136.6168, 0.2891,
0.3088

■ 7.4061, 0.2521,
0.2760

170.9967, 0.2908,
0.3103

■ 3.7173, 0.2375,
0.2628

210.7086, 0.2923,
0.3115

■ 1.5167, 0.2141,
0.2411

256.1371, 0.2935,

■ 0.3005, 0.1188,

0.3126

0.1638

307.6664, 0.2947,
0.3136

0.0000, 0.0000,
0.0000

44.7305, 0.2787,
0.2997

44.7305, 0.2787,
0.2997

38.8523, 0.2624,
0.2839

51.2529, 0.2947,
0.3141

33.5898, 0.2462,
0.2667

58.4355, 0.3102,
0.3270

28.9203, 0.2305,
0.2485

66.3008, 0.3250,
0.3385

24.8173, 0.2158,
0.2293

74.8682, 0.3389,
0.3486

21.2517, 0.2026,
0.2098

83.1039, 0.3480,
0.3580

■ 18.1908, 0.1915,
0.1905

■ 88.9641, 0.3460,
0.3677

■ 15.5969, 0.1827,
0.1718

■ 95.1585, 0.3442,
0.3772

■ 13.7419, 0.1769,
0.1570

■ 97.0905, 0.3436,
0.3801

Harmonies

Analogous

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



44.7305, 0.2752, 0.3115



44.7305, 0.2787, 0.2997



44.7305, 0.2911, 0.2959

Triad

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



44.7305, 0.2787, 0.2997



44.7305, 0.3451, 0.3279



44.7305, 0.3149, 0.3599

Complementary

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



44.7305, 0.2787, 0.2997



48.2216, 0.3505, 0.3566

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.



44.7305, 0.3340, 0.3638



44.7305, 0.2787, 0.2997



44.7305, 0.3518, 0.3446

Square

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



44.7305, 0.2787, 0.2997



44.7305, 0.3294, 0.3120



44.7305, 0.3476, 0.3579



44.7305, 0.2957, 0.3469

Rectangle

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



44.7305, 0.2787, 0.2997



44.7305, 0.3030, 0.2981



44.7305, 0.3476, 0.3579



44.7305, 0.3215, 0.3623

Sweetspot

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



44.7323, 0.2787, 0.2997



91.2155, 0.3019, 0.3202



53.3741, 0.2955, 0.3592



19.3675, 0.3009, 0.3194



0.0000, 0.0000, 0.0000



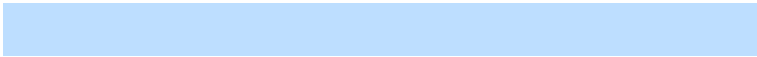
21.4041, 0.3127, 0.3290

Same Dimension

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



44.7323, 0.2787, 0.2997



70.1893, 0.2711, 0.2925



36.7238, 0.2766, 0.2702



11.7566, 0.2983, 0.3171



8.9301, 0.1776, 0.1594



0.6125, 0.1875, 0.1948

Inverse Universe

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



40.8205, 0.3350, 0.3015



62.7948, 0.3411, 0.2953



57.5495, 0.3453, 0.3817



11.3058, 0.3213, 0.3175



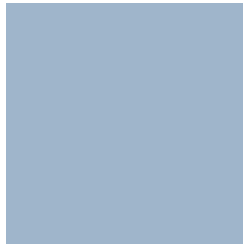
8.7045, 0.4939, 0.2495



0.4644, 0.4512, 0.2259

Previews

White Background



This preview shows how the Yxy color 44.7305, 0.2787, 0.2997 looks on a white background.

Color Contrast Check

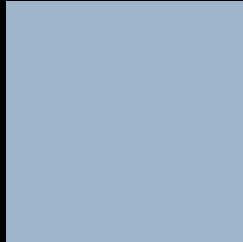
Large Text (above 18pt) WCAG AA × Fail

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 44.7305, 0.2787, 0.2997 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

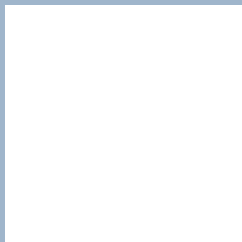
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7305, 0.2787, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 44.7305, 0.2787, 0.2997.



This preview shows how white text looks on a background with the Yxy color 44.7305, 0.2787, 0.2997.

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

44.7305, 0.2787, 0.2997

Protanopia

44.7284, 0.2931, 0.2991

Deuteranopia

44.6990, 0.2966, 0.2910



Tritanopia

44.7562, 0.2822, 0.3087

Trichromacy



Original Color

44.7305, 0.2787, 0.2997

Protanomaly

44.4929, 0.2876, 0.2988

Deuteranomaly

44.8026, 0.2893, 0.2941

Tritanomaly

44.8485, 0.2808, 0.3061

Monochromacy



Original Color

44.7305, 0.2787, 0.2997

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9320, 0.2996, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7305, 0.2787, 0.2997 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(159, 181, 203)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 203)  
}
```

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(159, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 203) }
```

Border

The CSS property to change the border of an element to Yxy 44.7305, 0.2787, 0.2997 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(159, 181, 203) }
```

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

```
.border{ border-color:rgb(159, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7305, 0.2787, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 203) }
```

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

```
.background{ background-color: rgb(159,  
181, 203) }
```

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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