

Converting Colors

$Yxy(47.1726, 0.2987, 0.3128)$

Have a look what the booklet for
Yxy(47.1726, 0.2987, 0.3128)
contains.

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Color

Yxy(47.2721, 0.2994, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	B2B7C3
RGB	178, 183, 195
RGB Percent	70%, 72%, 76%
CMY	0.3019, 0.2824, 0.2353
CMYK	0.09, 0.06, 0.00, 0.24
HSL	222°, 12%, 73%
HSV	222°, 9%, 76%
XYZ	45.1460, 47.2721, 58.3701
YIQ	182.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

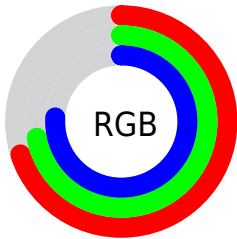
Format	Color
RYB	178, 182, 195
Decimal	11712451
CIELab	74.36, 0.62, -6.67
CIELCh	74, 6.700, 275.319
Yxy	47.2721, 0.2994, 0.3135
Android (android.graphics.Color)	4289902531 (0xFFB2B7C3)
YUV	182.8730, 5.9786, -4.2736
Hunter-Lab	68.7547, -3.1134, -2.2066

Details

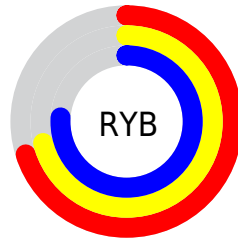
The Yxy color $47.2721, 0.2994, 0.3135$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.6479, 0.3261, 0.3440$, and the grayscale version is $47.2522, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2537, 0.3017, 0.3159$, and $22.2483, 0.2956, 0.3096$ is the 20% darker color. If you saturate the color by 10%, you get $39.7212, 0.2830, 0.2936$, and if you desaturate by 10%, it is $55.7112, 0.3146, 0.3312$.

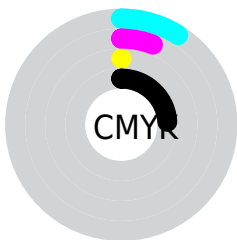
Distribution



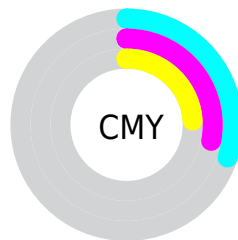
- Red (70%)
- Green (72%)
- Blue (76%)



- Red (70%)
- Yellow (71%)
- Blue (76%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2721, 0.2994, 0.3135 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 47.2721, 0.2994, 0.3135 by changing the saturation by 10% instead.

■ 47.2721, 0.2994,
0.3135

■ 47.2721, 0.2994,
0.3135

375.8996, 0.3060,
0.3212

■ 33.2508, 0.2977,
0.3116

■ 86.1196, 0.3018,
0.3163

■ 22.3187, 0.2956,
0.3091

111.7147, 0.3027,
0.3173

■ 14.0912, 0.2928,
0.3059

141.9364, 0.3035,
0.3182

■ 8.1841, 0.2889,
0.3014

177.1693, 0.3041,
0.3190

■ 4.2130, 0.2831,
0.2947

217.7976, 0.3047,
0.3197

■ 1.7934, 0.2735,
0.2837

264.2059, 0.3052,

■ 0.4831, 0.2432,

0.3202

0.2477

316.7784, 0.3056,
0.3208

0.0000, 0.0000,
0.0000

47.2721, 0.2994,
0.3135

47.2721, 0.2994,
0.3135

39.7212, 0.2830,
0.2936

55.7112, 0.3146,
0.3312

33.0227, 0.2656,
0.2715

65.0605, 0.3286,
0.3467

27.1473, 0.2474,
0.2474

75.3492, 0.3412,
0.3603

22.0617, 0.2291,
0.2216

86.4097, 0.3520,
0.3723

17.7299, 0.2114,
0.1948

94.7456, 0.3490,
0.3852

■ 14.1132, 0.1949,
0.1681

■ 96.7198, 0.3484,
0.3880

■ 11.1688, 0.1807,
0.1425

■ 8.8485, 0.1694,
0.1195

■ 7.0857, 0.1614,
0.0999

Harmonies

Analogous

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



47.2721, 0.2951, 0.3173



47.2721, 0.2994, 0.3135



47.2721, 0.3073, 0.3138

Triad

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



47.2721, 0.2994, 0.3135



47.2721, 0.3303, 0.3333



47.2721, 0.3086, 0.3404

Complementary

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



47.2721, 0.2994, 0.3135



51.6479, 0.3261, 0.3440

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.



47.2721, 0.3180, 0.3448



47.2721, 0.2994, 0.3135



47.2721, 0.3306, 0.3405

Square

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



47.2721, 0.2994, 0.3135



47.2721, 0.3251, 0.3251



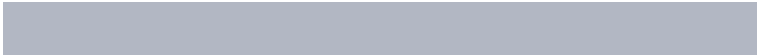
47.2721, 0.3261, 0.3447



47.2721, 0.3004, 0.3328

Rectangle

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



47.2721, 0.2994, 0.3135



47.2721, 0.3135, 0.3162



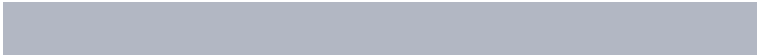
47.2721, 0.3261, 0.3447



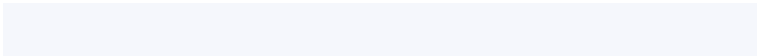
47.2721, 0.3117, 0.3423

Sweetspot

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



47.2741, 0.2994, 0.3135



93.0295, 0.3082, 0.3238



52.2077, 0.3031, 0.3355



20.1017, 0.3069, 0.3223



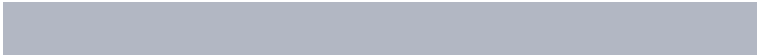
0.0000, 0.0000, 0.0000



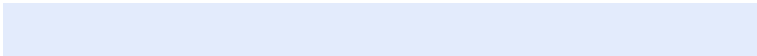
21.4041, 0.3127, 0.3290

Same Dimension

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



47.2741, 0.2994, 0.3135



82.6174, 0.2971, 0.3108



45.6615, 0.3022, 0.3072



10.2190, 0.2984, 0.3123



4.6062, 0.1611, 0.0999



0.3219, 0.1741, 0.1466

Inverse Universe

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



46.8681, 0.3235, 0.3228



81.8059, 0.3255, 0.3217



53.3964, 0.3227, 0.3503



10.1255, 0.3244, 0.3223



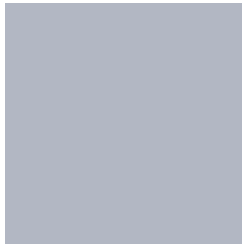
7.7472, 0.5759, 0.2946



0.3471, 0.5104, 0.2585

Previews

White Background



This preview shows how the Yxy color 47.2721, 0.2994, 0.3135 looks on a white background.

Color Contrast Check

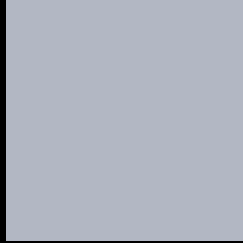
Large Text (above 18pt) WCAG AA × Fail

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 47.2721, 0.2994, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

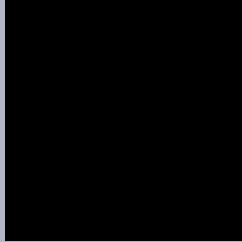
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

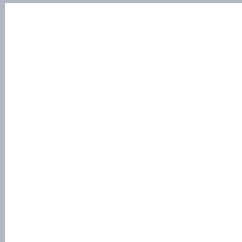
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2721, 0.2994, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 47.2721, 0.2994, 0.3135.

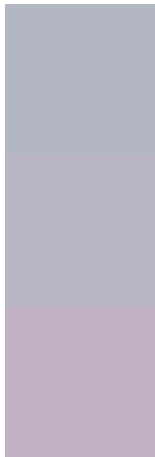


This preview shows how white text looks on a background with the Yxy color 47.2721, 0.2994, 0.3135.

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

47.2721, 0.2994, 0.3135

Protanopia

47.4182, 0.3042, 0.3137

Deuteranopia

47.2956, 0.3121, 0.3066



Tritanopia

47.3632, 0.2979, 0.3110

Trichromacy



Original Color

47.2721, 0.2994, 0.3135

Protanomaly

47.1747, 0.3026, 0.3136

Deuteranomaly

47.3194, 0.3069, 0.3088

Tritanomaly

47.3175, 0.2986, 0.3122

Monochromacy



Original Color

47.2721, 0.2994, 0.3135

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2786, 0.3079, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2721, 0.2994, 0.3135 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(178, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 183, 195)  
}
```

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(178, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 183, 195) }
```

Border

The CSS property to change the border of an element to Yxy 47.2721, 0.2994, 0.3135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

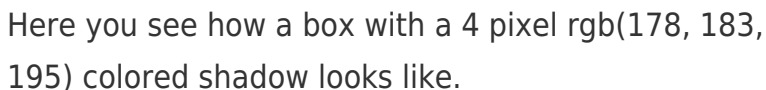
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 183, 195) }
```

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

```
.border{ border-color:rgb(178, 183, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 183,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2721, 0.2994, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 183, 195) }
```

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

```
.background{ background-color: rgb(178,  
183, 195) }
```

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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