

Converting Colors

Yxy(62.0391, 0.3024, 0.3262)

Have a look what the booklet for
Yxy(62.0391, 0.3024, 0.3262)
contains.

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Color

Yxy(62.1744, 0.3025, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C5D1D3
RGB	197, 209, 211
RGB Percent	77%, 82%, 83%
CMY	0.2274, 0.1804, 0.1725
CMYK	0.07, 0.01, 0.00, 0.17
HSL	189°, 14%, 80%
HSV	189°, 7%, 83%
XYZ	57.5865, 62.1744, 70.6077
YIQ	205.6400, -7.7940, -1.9220

Conversions

Conversions Part 2

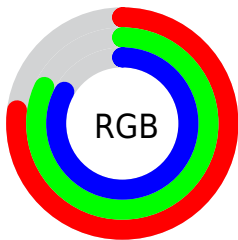
Format	Color
RYB	197, 203, 211
Decimal	12964307
CIELab	83.01, -3.66, -2.41
CIELCh	83, 4.385, 213.369
Yxy	62.1744, 0.3025, 0.3266
Android (android.graphics.Color)	4291154387 (0xFFC5D1D3)
YUV	205.6400, 2.6425, -7.5773
Hunter-Lab	78.8507, -7.6261, 2.1037

Details

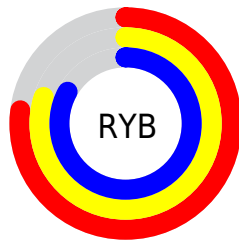
The Yxy color **62.1744, 0.3025, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7407, 0.3237, 0.3314**, and the grayscale version is **61.4682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **31.7167, 0.2993, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **58.0469, 0.2875, 0.3227**, and if you desaturate by 10%, it is **66.7344, 0.3179, 0.3302**.

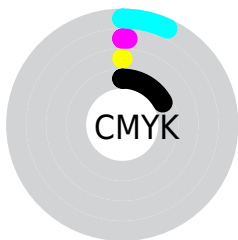
Distribution



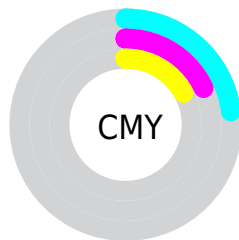
- Red (77%)
- Green (82%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1744, 0.3025, 0.3266 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 62.1744, 0.3025, 0.3266 by changing the saturation by 10% instead.

■ 62.1744, 0.3025,
0.3266

■ 62.1744, 0.3025,
0.3266

432.5670, 0.3074,
0.3278

■ 45.1736, 0.3014,
0.3263

107.9775, 0.3042,
0.3270

■ 31.5942, 0.2999,
0.3260

137.5487, 0.3049,
0.3272

■ 21.0517, 0.2981,
0.3255

172.0788, 0.3054,
0.3273

■ 13.1618, 0.2956,
0.3249

211.9522, 0.3059,
0.3274

■ 7.5401, 0.2922,
0.3240

257.5534, 0.3063,
0.3275

■ 3.8021, 0.2870,
0.3226

309.2666, 0.3067,

■ 1.5635, 0.2783,

0.3276

367.4763, 0.3071,
0.3277

0.3202

0.3328, 0.2080,
0.3051

0.0000, 0.0000,
0.0000

62.1744, 0.3025,
0.3266

62.1744, 0.3025,
0.3266

58.0469, 0.2875,
0.3227

66.7344, 0.3179,
0.3302

54.3275, 0.2731,
0.3185

71.7346, 0.3334,
0.3334

51.0008, 0.2596,
0.3140

76.1717, 0.3448,
0.3363

48.0479, 0.2474,
0.3092

77.7644, 0.3443,
0.3393

■ 45.4477, 0.2368,
0.3043

■ 79.3863, 0.3438,
0.3424

■ 43.1772, 0.2279,
0.2992

■ 81.0374, 0.3433,
0.3454

■ 41.2104, 0.2210,
0.2941

■ 82.7179, 0.3428,
0.3484

■ 39.5167, 0.2159,
0.2890

■ 84.4279, 0.3423,
0.3514

■ 38.0572, 0.2126,
0.2839

■ 86.1676, 0.3418,
0.3544

Harmonies

Analogous

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



62.1744, 0.3056, 0.3316



62.1744, 0.3025, 0.3266



62.1744, 0.3021, 0.3223

Triad

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



62.1744, 0.3025, 0.3266



62.1744, 0.3147, 0.3222



62.1744, 0.3210, 0.3383

Complementary

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



62.1744, 0.3025, 0.3266



58.7407, 0.3237, 0.3314

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.



62.1744, 0.3235, 0.3357



62.1744, 0.3025, 0.3266



62.1744, 0.3199, 0.3264

Square

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



62.1744, 0.3025, 0.3266



62.1744, 0.3091, 0.3198



62.1744, 0.3231, 0.3313



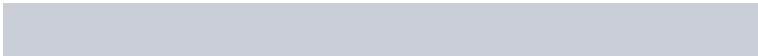
62.1744, 0.3163, 0.3384

Rectangle

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



62.1744, 0.3025, 0.3266



62.1744, 0.3034, 0.3204



62.1744, 0.3231, 0.3313



62.1744, 0.3221, 0.3377

Sweetspot

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



62.1770, 0.3025, 0.3266



98.5775, 0.3096, 0.3283



62.5880, 0.3107, 0.3434



21.1146, 0.3097, 0.3283



0.0000, 0.0000, 0.0000



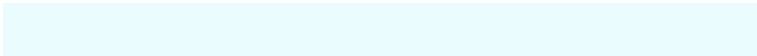
21.4041, 0.3127, 0.3290

Same Dimension

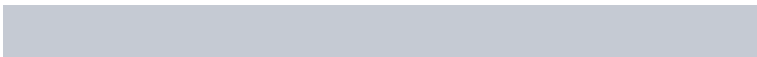
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1770, 0.3025, 0.3266



94.4730, 0.3003, 0.3261



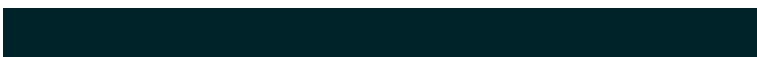
58.8831, 0.3026, 0.3185



13.1046, 0.2983, 0.3256



22.7998, 0.2119, 0.2830



1.3561, 0.2145, 0.2922

Inverse Universe

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



58.3893, 0.3150, 0.3152



87.4800, 0.3155, 0.3121



61.9693, 0.3230, 0.3393



11.9785, 0.3159, 0.3093



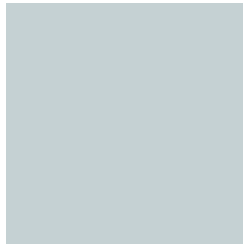
10.3729, 0.3607, 0.1761



0.5882, 0.3523, 0.1715

Previews

White Background



This preview shows how the Yxy color 62.1744, 0.3025, 0.3266 looks on a white background.

Color Contrast Check

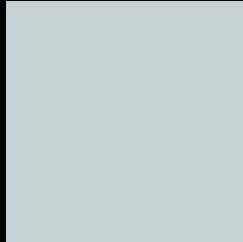
Large Text (above 18pt) WCAG AA × Fail

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 62.1744, 0.3025, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

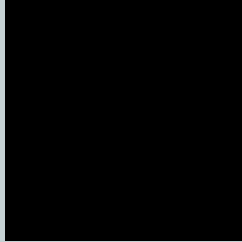
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

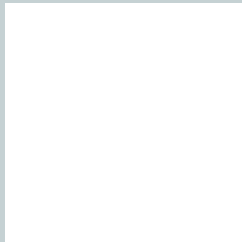
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1744, 0.3025, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 62.1744, 0.3025, 0.3266.

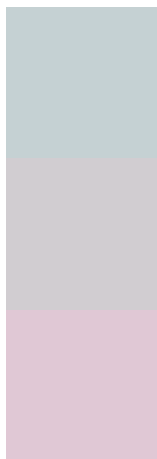


This preview shows how white text looks on a background with the Yxy color 62.1744, 0.3025, 0.3266.

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

62.1744, 0.3025, 0.3266

Protanopia

61.8214, 0.3129, 0.3244

Deuteranopia

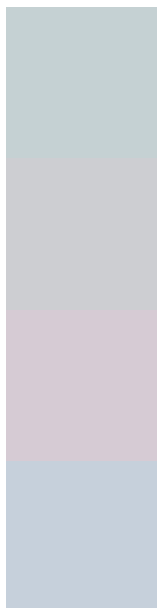
61.9599, 0.3220, 0.3146



Tritanopia

62.0955, 0.2960, 0.3105

Trichromacy



Original Color

62.1744, 0.3025, 0.3266

Protanomaly

61.7749, 0.3092, 0.3244

Deuteranomaly

61.7615, 0.3147, 0.3188

Tritanomaly

62.2320, 0.2979, 0.3162

Monochromacy



Original Color

62.1744, 0.3025, 0.3266

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8762, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1744, 0.3025, 0.3266 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(197, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 211)  
}
```

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(197, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 211) }
```

Border

The CSS property to change the border of an element to Yxy 62.1744, 0.3025, 0.3266 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(197, 209, 211) }
```

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

```
.border{ border-color:rgb(197, 209, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(197, 209,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1744, 0.3025, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 211) }
```

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

```
.background{ background-color: rgb(197,  
209, 211) }
```

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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