

Converting Colors

$Yxy(62.2071, 0.2943, 0.3208)$

Have a look what the booklet for
Yxy(62.2071, 0.2943, 0.3208)
contains.

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Color

Yxy(62.1793, 0.2943, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	BFD2D9
RGB	191, 210, 217
RGB Percent	75%, 82%, 85%
CMY	0.2509, 0.1765, 0.1490
CMYK	0.12, 0.03, 0.00, 0.15
HSL	196°, 25%, 80%
HSV	196°, 12%, 85%
XYZ	57.0607, 62.1793, 74.6462
YIQ	205.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

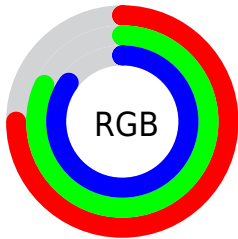
Format	Color
R_{YB}	191, 202, 217
Decimal	12571353
CIE _{Lab}	83.01, -4.97, -5.65
CIE _{LCh}	83, 7.519, 228.676
Yxy	62.1793, 0.2943, 0.3207
Android (android.graphics.Color)	4290761433 (0xFFBFD2D9)
YUV	205.1170, 5.8583, -12.3806
Hunter-Lab	78.8539, -8.8270, -0.9286

Details

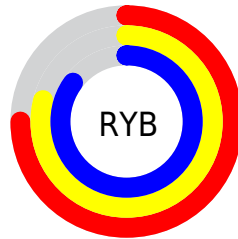
The Yxy color **62.1793, 0.2943, 0.3207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9169, 0.3332, 0.3372**, and the grayscale version is **61.1005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **31.7039, 0.2895, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **56.7356, 0.2791, 0.3130**, and if you desaturate by 10%, it is **68.1508, 0.3097, 0.3277**.

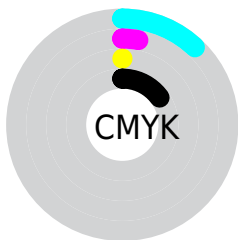
Distribution



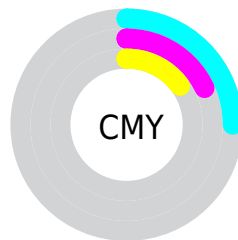
- Red (75%)
- Green (82%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1793, 0.2943, 0.3207 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 62.1793, 0.2943, 0.3207 by changing the saturation by 10% instead.

■ 62.1793, 0.2943,
0.3207

■ 62.1793, 0.2943,
0.3207

432.5848, 0.3030,
0.3247

■ 45.1776, 0.2923,
0.3197

■ 107.9846, 0.2974,
0.3221

■ 31.5973, 0.2897,
0.3185

137.5570, 0.2985,
0.3227

■ 21.0541, 0.2864,
0.3170

172.0885, 0.2996,
0.3231

■ 13.1636, 0.2821,
0.3148

211.9633, 0.3004,
0.3235

■ 7.5413, 0.2760,
0.3118

257.5660, 0.3012,
0.3239

■ 3.8029, 0.2669,
0.3072

309.2809, 0.3019,

■ 1.5639, 0.2518,

0.3242

0.2992

367.4923, 0.3025,
0.3245

0.3331, 0.1519,
0.2590

0.0000, 0.0000,
0.0000

62.1793, 0.2943,
0.3207

62.1793, 0.2943,
0.3207

56.7356, 0.2791,
0.3130

68.1508, 0.3097,
0.3277

51.7926, 0.2643,
0.3047

74.6605, 0.3250,
0.3340

47.3320, 0.2503,
0.2957

81.5151, 0.3391,
0.3396

43.3314, 0.2374,
0.2862

84.7822, 0.3382,
0.3454

■ 39.7664, 0.2260,
0.2763

■ 88.1593, 0.3374,
0.3511

■ 36.6095, 0.2163,
0.2662

■ 91.6475, 0.3365,
0.3568

■ 33.8294, 0.2086,
0.2561

■ 95.2477, 0.3357,
0.3623

■ 31.3891, 0.2029,
0.2459

■ 97.7903, 0.3351,
0.3661

■ 29.6271, 0.1994,
0.2379

Harmonies

Analogous

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



62.1793, 0.2973, 0.3290



62.1793, 0.2943, 0.3207



62.1793, 0.2961, 0.3148

Triad

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



62.1793, 0.2943, 0.3207



62.1793, 0.3209, 0.3207



62.1793, 0.3231, 0.3457

Complementary

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



62.1793, 0.2943, 0.3207



58.9169, 0.3332, 0.3372

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.



62.1793, 0.3296, 0.3432



62.1793, 0.2943, 0.3207



62.1793, 0.3283, 0.3287

Square

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



62.1793, 0.2943, 0.3207



62.1793, 0.3114, 0.3149



62.1793, 0.3315, 0.3369



62.1793, 0.3138, 0.3437

Rectangle

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



62.1793, 0.2943, 0.3207



62.1793, 0.2998, 0.3129



62.1793, 0.3315, 0.3369



62.1793, 0.3256, 0.3454

Sweetspot

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



62.1819, 0.2943, 0.3207



96.3737, 0.3065, 0.3263



64.7846, 0.3067, 0.3517



20.4850, 0.3053, 0.3258



0.0000, 0.0000, 0.0000



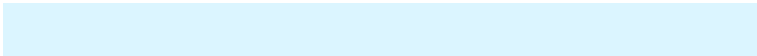
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1819, 0.2943, 0.3207



87.8560, 0.2910, 0.3191



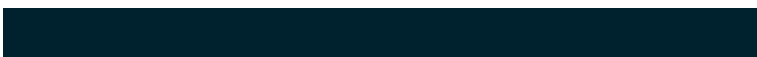
56.0590, 0.2940, 0.3052



14.2045, 0.2982, 0.3225



18.1158, 0.1998, 0.2394



1.3132, 0.2044, 0.2557

Inverse Universe

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



56.6757, 0.3194, 0.3074



78.6950, 0.3207, 0.3034



65.0771, 0.3314, 0.3517



13.2118, 0.3179, 0.3121



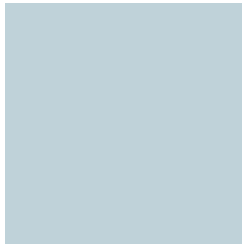
10.4526, 0.4029, 0.1993



0.6913, 0.3866, 0.1903

Previews

White Background



This preview shows how the Yxy color 62.1793, 0.2943, 0.3207 looks on a white background.

Color Contrast Check

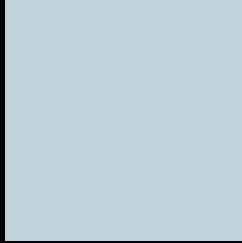
Large Text (above 18pt) WCAG AA × Fail

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 62.1793, 0.2943, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

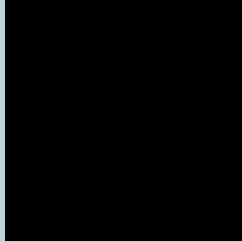
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

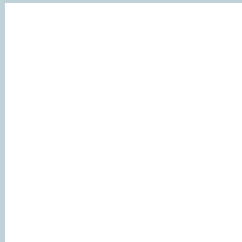
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1793, 0.2943, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 62.1793, 0.2943, 0.3207.



This preview shows how white text looks on a background with the Yxy color 62.1793, 0.2943, 0.3207.

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

62.1793, 0.2943, 0.3207

Protanopia

61.9276, 0.3087, 0.3187

Deuteranopia

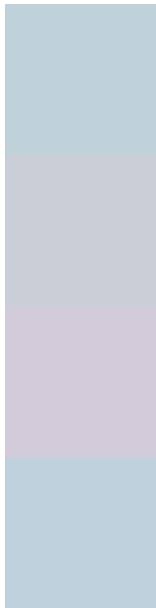
61.7952, 0.3152, 0.3080



Tritanopia

62.2436, 0.2898, 0.3104

Trichromacy



Original Color

62.1793, 0.2943, 0.3207

Protanomaly

62.0885, 0.3035, 0.3197

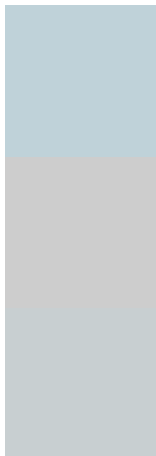
Deuteranomaly

61.9493, 0.3074, 0.3131

Tritanomaly

62.0813, 0.2918, 0.3138

Monochromacy



Original Color

62.1793, 0.2943, 0.3207

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5085, 0.3061, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1793, 0.2943, 0.3207 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(191, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(191, 210, 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(191, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 210, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.1793, 0.2943, 0.3207 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(191, 210, 217) }
```

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

```
.border{ border-color:rgb(191, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(191, 210,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1793, 0.2943, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 210, 217) }
```

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

```
.background{ background-color: rgb(191,  
210, 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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