

Converting Colors

Yxy(63.4762, 0.2830, 0.3025)

Have a look what the booklet for
Yxy(63.4762, 0.2830, 0.3025)
contains.

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Color

Yxy(63.4762, 0.2830, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	BED3EA
RGB	190, 211, 234
RGB Percent	75%, 83%, 92%
CMY	0.2549, 0.1725, 0.0823
CMYK	0.19, 0.10, 0.00, 0.08
HSL	211°, 51%, 83%
HSV	211°, 19%, 92%
XYZ	59.3843, 63.4762, 86.9781
YIQ	207.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

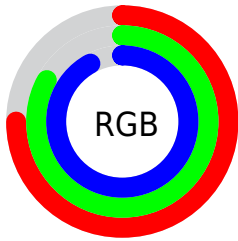
Format	Color
R _Y B	190, 204, 234
Decimal	12506090
CIE Lab	83.69, -2.26, -13.69
CIE LCh	84, 13.875, 260.616
Yxy	63.4762, 0.2830, 0.3025
Android (android.graphics.Color)	4290696170 (0xFFBED3EA)
YUV	207.3430, 13.1419, -15.2098
Hunter-Lab	79.6720, -6.3790, -8.9567

Details

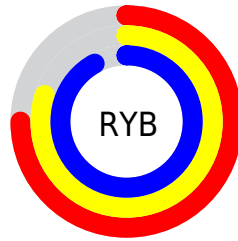
The Yxy color **63.4762, 0.2830, 0.3025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8175, 0.3450, 0.3541**, and the grayscale version is **62.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **32.5625, 0.2759, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **54.8509, 0.2665, 0.2862**, and if you desaturate by 10%, it is **73.0537, 0.2991, 0.3173**.

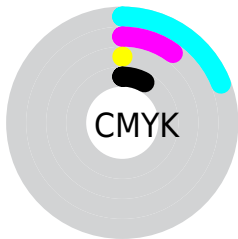
Distribution



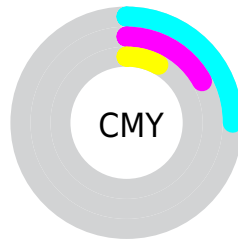
- Red (75%)
- Green (83%)
- Blue (92%)



- Red (75%)
- Yellow (80%)
- Blue (92%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4762, 0.2830, 0.3025 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 63.4762, 0.2830, 0.3025 by changing the saturation by 10% instead.

■ 63.4762, 0.2830,
0.3025

■ 63.4762, 0.2830,
0.3025

437.2957, 0.2970,
0.3151

■ 46.2266, 0.2798,
0.2996

■ 109.8562, 0.2879,
0.3069

■ 32.4246, 0.2757,
0.2959

139.7554, 0.2898,
0.3086

■ 21.6861, 0.2706,
0.2912

174.6399, 0.2914,
0.3101

■ 13.6264, 0.2638,
0.2850

214.8941, 0.2928,
0.3113

■ 7.8613, 0.2544,
0.2763

260.9023, 0.2941,
0.3124

■ 4.0063, 0.2407,
0.2635

313.0491, 0.2951,

■ 1.6771, 0.2188,

0.3134

0.2429

371.7187, 0.2961,
0.3143

0.4088, 0.1506,
0.1846

0.0000, 0.0000,
0.0000

63.4762, 0.2830,
0.3025

63.4762, 0.2830,
0.3025

54.8509, 0.2665,
0.2862

73.0537, 0.2991,
0.3173

47.1366, 0.2498,
0.2683

83.6070, 0.3145,
0.3305

40.3005, 0.2335,
0.2492

94.1658, 0.3257,
0.3424

34.3043, 0.2181,
0.2291

98.7217, 0.3250,
0.3493

■ 29.1061, 0.2040,
0.2086

■ 24.6595, 0.1920,
0.1881

■ 20.9112, 0.1823,
0.1683

■ 17.7867, 0.1751,
0.1497

■ 17.4449, 0.1743,
0.1476

Harmonies

Analogous

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



63.4762, 0.2792, 0.3126



63.4762, 0.2830, 0.3025



63.4762, 0.2946, 0.2996

Triad

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



63.4762, 0.2830, 0.3025



63.4762, 0.3421, 0.3292



63.4762, 0.3134, 0.3557

Complementary

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



63.4762, 0.2830, 0.3025



68.8175, 0.3450, 0.3541

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.



63.4762, 0.3305, 0.3599



63.4762, 0.2830, 0.3025



63.4762, 0.3474, 0.3439

Square

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



63.4762, 0.2830, 0.3025



63.4762, 0.3287, 0.3148



63.4762, 0.3431, 0.3553



63.4762, 0.2965, 0.3438

Rectangle

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



63.4762, 0.2830, 0.3025



63.4762, 0.3053, 0.3018



63.4762, 0.3431, 0.3553



63.4762, 0.3194, 0.3581

Sweetspot

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



63.4788, 0.2830, 0.3025



92.2126, 0.3035, 0.3211



74.5968, 0.2967, 0.3533



19.5615, 0.3024, 0.3202



0.0000, 0.0000, 0.0000



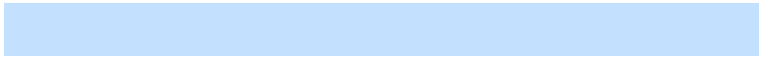
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4788, 0.2830, 0.3025



72.4876, 0.2759, 0.2957



53.8162, 0.2821, 0.2776



15.7341, 0.2981, 0.3164



10.0499, 0.1751, 0.1504



0.9807, 0.1823, 0.1762

Inverse Universe

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



59.0303, 0.3326, 0.3062



66.2973, 0.3382, 0.3007



79.9470, 0.3405, 0.3759



15.1737, 0.3218, 0.3178



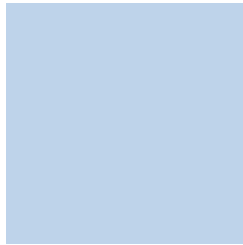
10.5073, 0.5054, 0.2558



0.8444, 0.4731, 0.2380

Previews

White Background



This preview shows how the Yxy color 63.4762, 0.2830, 0.3025 looks on a white background.

Color Contrast Check

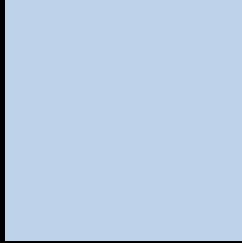
Large Text (above 18pt) WCAG AA × Fail

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 63.4762, 0.2830, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

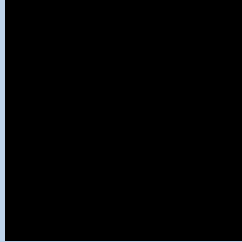
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

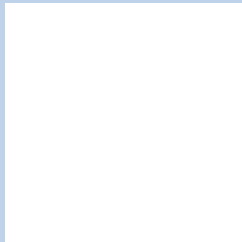
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4762, 0.2830, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 63.4762, 0.2830, 0.3025.



This preview shows how white text looks on a background with the Yxy color 63.4762, 0.2830, 0.3025.

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

63.4762, 0.2830, 0.3025

Protanopia

63.3743, 0.2950, 0.3020

Deuteranopia

63.3669, 0.2996, 0.2929



Tritanopia

63.5629, 0.2855, 0.3092

Trichromacy



Original Color

63.4762, 0.2830, 0.3025

Protanomaly

63.2173, 0.2909, 0.3018

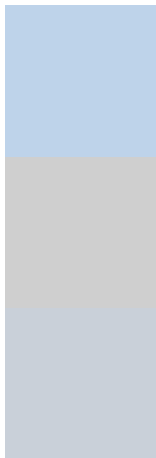
Deuteranomaly

63.4062, 0.2938, 0.2967

Tritanomaly

63.6753, 0.2842, 0.3070

Monochromacy



Original Color

63.4762, 0.2830, 0.3025

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5390, 0.3014, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4762, 0.2830, 0.3025 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(190, 211, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 211, 234)  
}
```

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(190, 211, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 211, 234) }
```

Border

The CSS property to change the border of an element to Yxy 63.4762, 0.2830, 0.3025 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(190, 211, 234) }
```

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

```
.border{ border-color:rgb(190, 211, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 211, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 211, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 211, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 211,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4762, 0.2830, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 211, 234) }
```

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

```
.background{ background-color: rgb(190,  
211, 234) }
```

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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