

Converting Colors

Yxy(62.8505, 0.3089, 0.3233)

Have a look what the booklet for
Yxy(62.8505, 0.3089, 0.3233)
contains.

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Color

Yxy(62.6445, 0.3092, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	CFCFD4
RGB	207, 207, 212
RGB Percent	81%, 81%, 83%
CMY	0.1885, 0.1881, 0.1687
CMYK	0.02, 0.02, 0.00, 0.17
HSL	239°, 6%, 82%
HSV	239°, 2%, 83%
XYZ	59.9124, 62.6445, 71.2090
YIQ	207.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

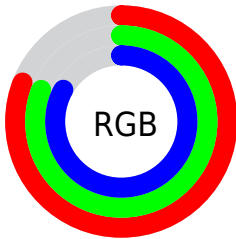
Format	Color
R _Y B	207, 207, 212
Decimal	13619156
CIE Lab	83.25, 0.89, -2.47
CIE LCh	83, 2.627, 289.712
Yxy	62.6445, 0.3092, 0.3233
Android (android.graphics.Color)	4291809236 (0xFFCFCFD4)
YUV	207.5700, 2.1840, -0.4999
Hunter-Lab	79.1483, -3.3914, 2.0611

Details

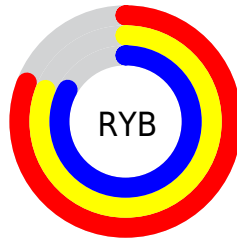
The Yxy color **62.6445, 0.3092, 0.3233** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5271, 0.3162, 0.3346**, and the grayscale version is **62.7652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9891, 0.3090, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **50.3724, 0.2932, 0.2973**, and if you desaturate by 10%, it is **76.6595, 0.3232, 0.3460**.

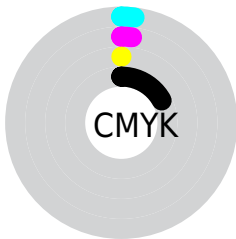
Distribution



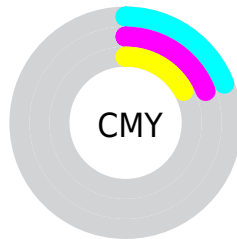
- Red (81%)
- Green (81%)
- Blue (83%)



- Red (81%)
- Yellow (81%)
- Blue (83%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6445, 0.3092, 0.3233 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 62.6445, 0.3092, 0.3233 by changing the saturation by 10% instead.

■ 62.6445, 0.3092,
0.3233

■ 62.6445, 0.3092,
0.3233

434.2781, 0.3109,
0.3260

■ 45.5537, 0.3088,
0.3227

108.6565, 0.3098,
0.3243

■ 31.8938, 0.3083,
0.3219

138.3464, 0.3100,
0.3246

■ 21.2804, 0.3077,
0.3208

173.0048, 0.3102,
0.3249

■ 13.3291, 0.3068,
0.3195

213.0161, 0.3104,
0.3252

■ 7.6556, 0.3056,
0.3175

258.7647, 0.3105,
0.3255

■ 3.8753, 0.3038,
0.3147

310.6350, 0.3107,

■ 1.6041, 0.3007,

0.3257

0.3098

369.0113, 0.3108,
0.3258

0.3603, 0.2823,
0.2794

0.0000, 0.0000,
0.0000

62.6445, 0.3092,
0.3233

62.6445, 0.3092,
0.3233

50.3724, 0.2932,
0.2973

76.6595, 0.3232,
0.3460

39.7674, 0.2752,
0.2680

92.4734, 0.3353,
0.3656

30.7601, 0.2553,
0.2356

97.5326, 0.3382,
0.3711

23.2730, 0.2343,
0.2011

■ 17.2224, 0.2130,
0.1660

■ 12.5164, 0.1927,
0.1325

■ 9.0523, 0.1752,
0.1033

■ 6.7129, 0.1619,
0.0809

■ 5.3585, 0.1536,
0.0667

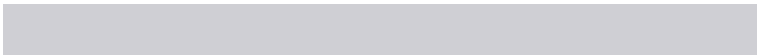
Harmonies

Analogous

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



62.6445, 0.3070, 0.3240



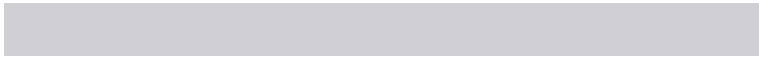
62.6445, 0.3092, 0.3233



62.6445, 0.3124, 0.3241

Triad

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



62.6445, 0.3092, 0.3233



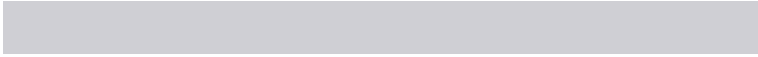
62.6445, 0.3192, 0.3319



62.6445, 0.3097, 0.3319

Complementary

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



62.6445, 0.3092, 0.3233



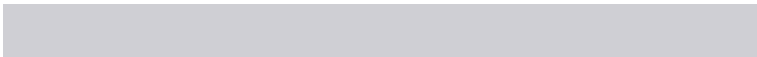
65.5271, 0.3162, 0.3346

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.



62.6445, 0.3130, 0.3340



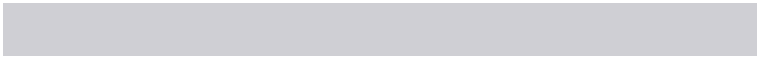
62.6445, 0.3092, 0.3233



62.6445, 0.3185, 0.3340

Square

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



62.6445, 0.3092, 0.3233



62.6445, 0.3182, 0.3290



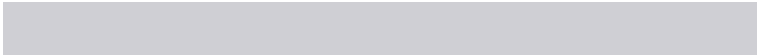
62.6445, 0.3162, 0.3348



62.6445, 0.3073, 0.3290

Rectangle

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



62.6445, 0.3092, 0.3233



62.6445, 0.3146, 0.3254



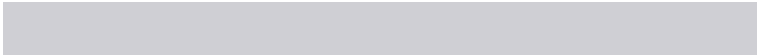
62.6445, 0.3162, 0.3348



62.6445, 0.3108, 0.3327

Sweetspot

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



62.6472, 0.3092, 0.3233



97.9336, 0.3112, 0.3266



65.0782, 0.3091, 0.3292



20.9836, 0.3113, 0.3267



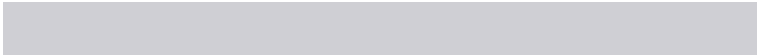
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

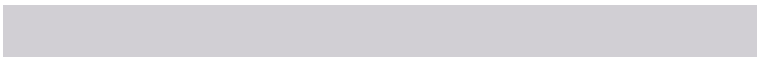
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6472, 0.3092, 0.3233



93.8819, 0.3082, 0.3217



62.9430, 0.3110, 0.3232



13.6163, 0.3071, 0.3199



3.0043, 0.1504, 0.0613



0.1947, 0.1515, 0.0654

Inverse Universe

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



63.0937, 0.3165, 0.3289



94.7417, 0.3175, 0.3289



65.2269, 0.3144, 0.3348



13.7731, 0.3188, 0.3288



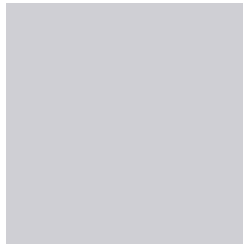
8.6481, 0.6379, 0.3288



0.5230, 0.6310, 0.3250

Previews

White Background



This preview shows how the Yxy color 62.6445, 0.3092, 0.3233 looks on a white background.

Color Contrast Check

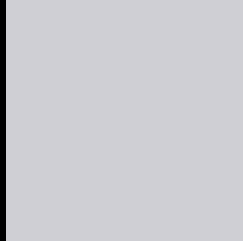
Large Text (above 18pt) WCAG AA × Fail

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 62.6445, 0.3092, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

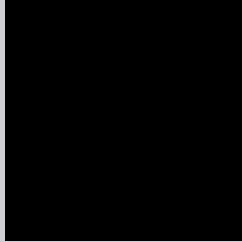
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

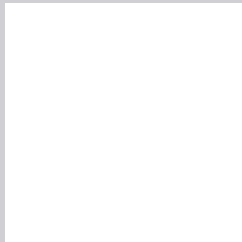
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6445, 0.3092, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 62.6445, 0.3092, 0.3233.

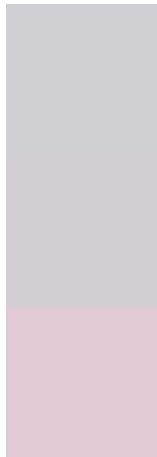


This preview shows how white text looks on a background with the Yxy color 62.6445, 0.3092, 0.3233.

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

62.6445, 0.3092, 0.3233

Protanopia

62.5977, 0.3115, 0.3222

Deuteranopia

62.5849, 0.3227, 0.3158



Tritanopia

62.3465, 0.3032, 0.3097

Trichromacy



Original Color

62.6445, 0.3092, 0.3233

Protanomaly

62.4514, 0.3108, 0.3221

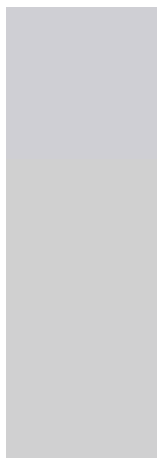
Deuteranomaly

62.4214, 0.3171, 0.3178

Tritanomaly

62.6145, 0.3059, 0.3153

Monochromacy



Original Color

62.6445, 0.3092, 0.3233

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1251, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6445, 0.3092, 0.3233 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(207, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 212)  
}
```

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(207, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.6445, 0.3092, 0.3233 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(207, 207, 212) }
```

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

```
.border{ border-color:rgb(207, 207, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6445, 0.3092, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 212) }
```

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

```
.background{ background-color: rgb(207,  
207, 212) }
```

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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