

Converting Colors

Yxy(60.2945, 0.3125, 0.3263)

Have a look what the booklet for
Yxy(60.2945, 0.3125, 0.3263)
contains.

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Color

Yxy(60.1472, 0.3121, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CDCBCE
RGB	205, 203, 206
RGB Percent	80%, 80%, 81%
CMY	0.1961, 0.2039, 0.1921
CMYK	0.00, 0.01, 0.00, 0.19
HSL	280°, 3%, 80%
HSV	280°, 1%, 81%
XYZ	57.6711, 60.1472, 66.9657
YIQ	203.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

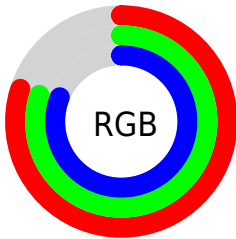
Format	Color
R_{YB}	205, 203, 206
Decimal	13487054
CIE _{Lab}	81.92, 1.23, -1.26
CIE _{LCh}	82, 1.763, 314.439
Yxy	60.1472, 0.3121, 0.3255
Android (android.graphics.Color)	4291677134 (0xFFCDCBCE)
YUV	203.9400, 1.0156, 0.9296
Hunter-Lab	77.5546, -2.9846, 3.0934

Details

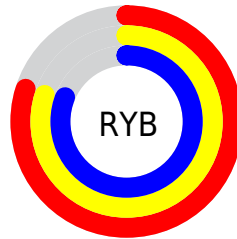
The Yxy color **60.1472, 0.3121, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2991, 0.3133, 0.3325**, and the grayscale version is **60.3376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.3412, 0.3119, 0.3244** is the 20% darker color. If you saturate the color by 10%, you get **50.0841, 0.3074, 0.3005**, and if you desaturate by 10%, it is **71.5529, 0.3160, 0.3487**.

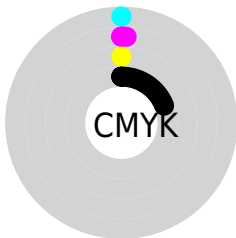
Distribution



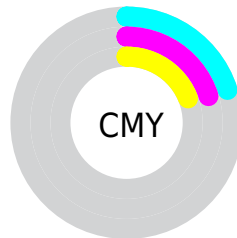
- Red (80%)
- Green (80%)
- Blue (81%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1472, 0.3121, 0.3255 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 60.1472, 0.3121, 0.3255 by changing the saturation by 10% instead.

■ 60.1472, 0.3121,
0.3255

■ 60.1472, 0.3121,
0.3255

425.1401, 0.3124,
0.3272

■ 43.5373, 0.3120,
0.3251

105.0432, 0.3122,
0.3261

■ 30.3069, 0.3119,
0.3246

134.0980, 0.3122,
0.3263

■ 20.0717, 0.3118,
0.3240

168.0700, 0.3123,
0.3265

■ 12.4471, 0.3117,
0.3231

207.3434, 0.3123,
0.3267

■ 7.0490, 0.3114,
0.3219

252.3028, 0.3123,
0.3268

■ 3.4927, 0.3111,
0.3200

303.3324, 0.3124,

■ 1.3941, 0.3105,

0.3270

0.3168

360.8167, 0.3124,
0.3271

0.2123, 0.3038,
0.2781

0.0000, 0.0000,
0.0000

60.1472, 0.3121,
0.3255

60.1472, 0.3121,
0.3255

50.0841, 0.3074,
0.3005

71.5529, 0.3160,
0.3487

41.3046, 0.3018,
0.2739

84.3417, 0.3192,
0.3700

33.7569, 0.2953,
0.2464

92.1423, 0.3228,
0.3800

27.3824, 0.2880,
0.2187

93.2967, 0.3273,
0.3793

■ 22.1178, 0.2798,
0.1917

■ 94.4978, 0.3318,
0.3786

■ 17.8937, 0.2710,
0.1668

■ 95.7462, 0.3365,
0.3779

■ 14.6326, 0.2618,
0.1451

■ 97.0423, 0.3411,
0.3771

■ 12.2459, 0.2526,
0.1276

■ 97.2365, 0.3418,
0.3770

■ 10.6278, 0.2436,
0.1150

Harmonies

Analogous

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



60.1472, 0.3100, 0.3251



60.1472, 0.3121, 0.3255



60.1472, 0.3144, 0.3268

Triad

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



60.1472, 0.3121, 0.3255



60.1472, 0.3168, 0.3322



60.1472, 0.3092, 0.3293

Complementary

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



60.1472, 0.3121, 0.3255



61.2991, 0.3133, 0.3325

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.



60.1472, 0.3111, 0.3313



60.1472, 0.3121, 0.3255



60.1472, 0.3155, 0.3329

Square

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



60.1472, 0.3121, 0.3255



60.1472, 0.3171, 0.3307



60.1472, 0.3133, 0.3326



60.1472, 0.3084, 0.3273

Rectangle

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



60.1472, 0.3121, 0.3255



60.1472, 0.3157, 0.3280



60.1472, 0.3133, 0.3326



60.1472, 0.3098, 0.3300

Sweetspot

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



60.1498, 0.3121, 0.3255

100.0000, 0.3127, 0.3290



60.3674, 0.3105, 0.3267



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



60.1498, 0.3121, 0.3255



96.4620, 0.3119, 0.3241



60.2733, 0.3132, 0.3260



12.8504, 0.3119, 0.3245



6.0236, 0.2375, 0.1082



0.3515, 0.2541, 0.1174

Inverse Universe

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



60.1995, 0.3143, 0.3278



96.5741, 0.3149, 0.3274



61.1771, 0.3122, 0.3320



12.8642, 0.3148, 0.3275



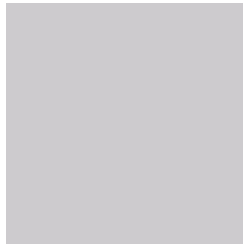
8.3685, 0.5596, 0.2857



0.4459, 0.5043, 0.2552

Previews

White Background



This preview shows how the Yxy color 60.1472, 0.3121, 0.3255 looks on a white background.

Color Contrast Check

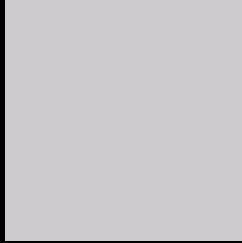
Large Text (above 18pt) WCAG AA × Fail

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 60.1472, 0.3121, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

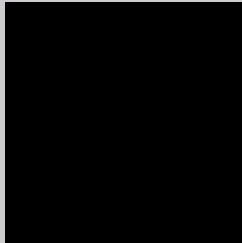
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

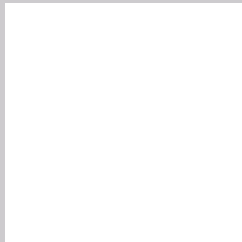
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.1472, 0.3121, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 60.1472, 0.3121, 0.3255.

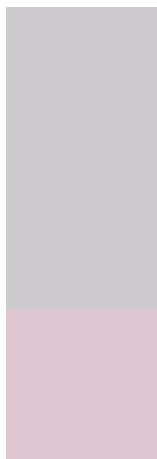


This preview shows how white text looks on a background with the Yxy color 60.1472, 0.3121, 0.3255.

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

60.1472, 0.3121, 0.3255

Protanopia

60.2899, 0.3129, 0.3255

Deuteranopia

59.9671, 0.3251, 0.3178



Tritanopia

60.0484, 0.3059, 0.3106

Trichromacy



Original Color

60.1472, 0.3121, 0.3255

Protanomaly

60.2899, 0.3129, 0.3255

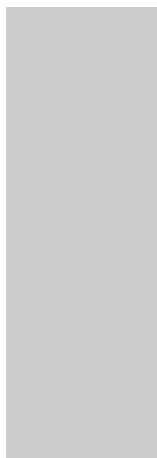
Deuteranomaly

59.9508, 0.3202, 0.3199

Tritanomaly

60.1670, 0.3080, 0.3163

Monochromacy



Original Color

60.1472, 0.3121, 0.3255

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4309, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1472, 0.3121, 0.3255 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(205, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(205, 203, 206)  
}
```

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(205, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 203, 206) }
```

Border

The CSS property to change the border of an element to Yxy 60.1472, 0.3121, 0.3255 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(205, 203, 206) }
```

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

```
.border{ border-color:rgb(205, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(205, 203,  
206) }
```

Background

The CSS property to change the background color of an element to Yxy 60.1472, 0.3121, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 203, 206) }
```

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

```
.background{ background-color: rgb(205,  
203, 206) }
```

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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