

Converting Colors

$Y_{xy}(31.0896, 0.3528, 0.2559)$

Have a look what the booklet for
Yxy(31.0896, 0.3528, 0.2559)
contains.

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Color

Yxy(31.0653, 0.3527, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	D678B5
RGB	214, 120, 181
RGB Percent	84%, 47%, 71%
CMY	0.1609, 0.5293, 0.2902
CMYK	0.00, 0.44, 0.15, 0.16
HSL	321°, 53%, 65%
HSV	321°, 44%, 84%
XYZ	42.7830, 31.0653, 47.4531
YIQ	155.0600, 36.4430, 38.8990

Conversions

Conversions Part 2

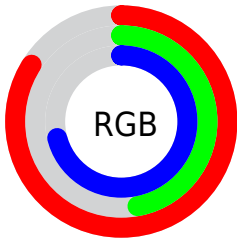
Format	Color
R_{YB}	214, 120, 181
Decimal	14055605
CIE _{Lab}	62.56, 44.56, -16.18
CIE _{LCh}	63, 47.405, 340.041
Yxy	31.0653, 0.3527, 0.2561
Android (android.graphics.Color)	4292245685 (0xFFD678B5)
YUV	155.0600, 12.7884, 51.6904
Hunter-Lab	55.7363, 39.4777, -11.4634

Details

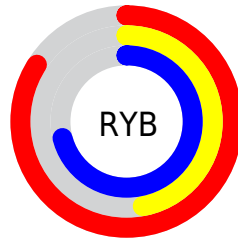
The Yxy color **31.0653, 0.3527, 0.2561** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **54.3768, 0.2875, 0.4164**, and the grayscale version is **32.7383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6465, 0.3306, 0.2659**, and **12.8609, 0.3640, 0.2356** is the 20% darker color. If you saturate the color by 10%, you get **26.1811, 0.3657, 0.2409**, and if you desaturate by 10%, it is **37.1190, 0.3411, 0.2726**.

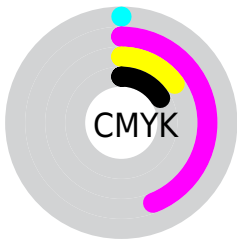
Distribution



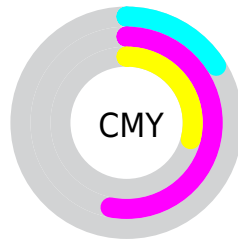
- Red (84%)
- Green (47%)
- Blue (71%)



- Red (84%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (16%)




- Cyan (16%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0653, 0.3527, 0.2561 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 31.0653, 0.3527, 0.2561 by changing the saturation by 10% instead.

 31.0653, 0.3527,
0.2561


 31.0653, 0.3527,
0.2561


306.8390, 0.3325,
0.2926

 20.6486, 0.3578,
0.2470


 61.3429, 0.3453,
0.2694

 12.8674, 0.3643,
0.2354


 81.9725, 0.3426,
0.2743

 7.3373, 0.3731,
0.2200


 106.7752, 0.3402,
0.2786

 3.6739, 0.3852,
0.1988

136.1354, 0.3382,
0.2822

 1.4929, 0.4032,
0.1679

170.4375, 0.3365,
0.2853

 0.2837, 0.4486,
0.0866

210.0659, 0.3350,


 0.0000, 0.5651,


0.2881


0.0000


255.4049, 0.3337,
0.2905


 0.0000, 0.0000,
0.0000


 31.0653, 0.3527,
0.2561


 31.0653, 0.3527,
0.2561


 26.1811, 0.3657,
0.2409

 37.1190, 0.3411,
0.2726

 22.3842, 0.3801,
0.2282


 44.4085, 0.3311,
0.2897


 19.5889, 0.3953,
0.2191


 53.0001, 0.3225,
0.3066


 17.6942, 0.4110,
0.2146

 62.9542, 0.3152,
0.3229


 16.5778, 0.4264,
0.2151

 74.3275, 0.3091,
0.3383

 16.1528, 0.4357,
0.2174

 87.1734, 0.3040,
0.3527

 91.7291, 0.2998,
0.3513

 92.1691, 0.2957,
0.3433

 92.6276, 0.2917,
0.3355

Harmonies

Analogous

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



31.0653, 0.2766, 0.2247



31.0653, 0.3527, 0.2561



31.0653, 0.4241, 0.3029

Triad

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



31.0653, 0.3527, 0.2561



31.0653, 0.4032, 0.4568



31.0653, 0.1839, 0.2718

Complementary

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



31.0653, 0.3527, 0.2561



54.3768, 0.2875, 0.4164

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.



31.0653, 0.2093, 0.3437



31.0653, 0.3527, 0.2561



31.0653, 0.3341, 0.4666

Square

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



31.0653, 0.3527, 0.2561



31.0653, 0.4514, 0.4128



31.0653, 0.2631, 0.4227



31.0653, 0.1875, 0.2285

Rectangle

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



31.0653, 0.3527, 0.2561



31.0653, 0.4540, 0.3389



31.0653, 0.2631, 0.4227



31.0653, 0.1890, 0.2931

Sweetspot

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



31.0668, 0.3527, 0.2561



79.9159, 0.3219, 0.3079



25.0551, 0.2583, 0.2024



16.4511, 0.3237, 0.3042



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.



31.0668, 0.3527, 0.2561



39.1890, 0.3652, 0.2415



29.4553, 0.4103, 0.3119



12.5552, 0.3191, 0.3140



9.7859, 0.4335, 0.2162



0.6057, 0.4091, 0.2028

Inverse Universe

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



31.0668, 0.3527, 0.2561



39.1890, 0.3652, 0.2415



56.2415, 0.2611, 0.3479



12.5552, 0.3191, 0.3140



9.7859, 0.4335, 0.2162



0.6057, 0.4091, 0.2028

Previews

White Background



This preview shows how the Yxy color 31.0653, 0.3527, 0.2561 looks on a white background.

Color Contrast Check

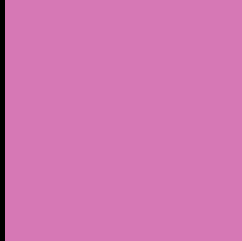
Large Text (above 18pt) WCAG AA × Fail

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 31.0653, 0.3527, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

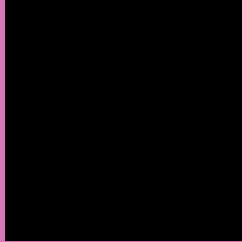
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0653, 0.3527, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 31.0653, 0.3527, 0.2561.



This preview shows how white text looks on a background with the Yxy color 31.0653, 0.3527, 0.2561.

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

31.0653, 0.3527, 0.2561

Protanopia

31.3953, 0.2581, 0.2541

Deuteranopia

31.2830, 0.2940, 0.2879



Tritanopia

31.0908, 0.3959, 0.3178

Trichromacy



Original Color

31.0653, 0.3527, 0.2561



Protanomaly

30.3596, 0.2876, 0.2531



Deuteranomaly

30.6214, 0.3132, 0.2738



Tritanomaly

31.1037, 0.3798, 0.2942

Monochromacy



Original Color

31.0653, 0.3527, 0.2561



Achromatopsia

32.7778, 0.3127, 0.3290



Achromatomaly

31.2564, 0.3268, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0653, 0.3527, 0.2561 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(214, 120, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 120, 181)  
}
```

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(214, 120, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 120, 181) }
```

Border

The CSS property to change the border of an element to Yxy 31.0653, 0.3527, 0.2561 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(214, 120, 181) }
```

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

```
.border{ border-color:rgb(214, 120, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 120, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 120, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 120, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 120,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0653, 0.3527, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 120, 181) }
```

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

```
.background{ background-color: rgb(214,  
120, 181) }
```

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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