

Converting Colors

$Y_{xy}(25.6227, 0.3456, 0.2320)$

Have a look what the booklet for
Yxy(25.6227, 0.3456, 0.2320)
contains.

Yxy(25.6227, 0.3456, 0.2320)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.6227, 0.3456, 0.2320)

Conversions

Conversions Part 1

Format	Color
Hex	CD65B5
RGB	205, 101, 181
RGB Percent	80%, 40%, 71%
CMY	0.1961, 0.6039, 0.2902
CMYK	0.00, 0.51, 0.12, 0.20
HSL	314°, 51%, 60%
HSV	314°, 51%, 80%
XYZ	38.1690, 25.6227, 46.6510
YIQ	141.2160, 36.3040, 46.9280

Conversions

Conversions Part 2

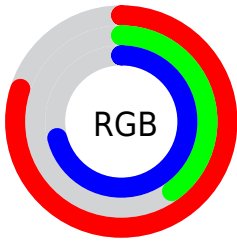
Format	Color
RYB	205, 101, 181
Decimal	13460917
CIELab	57.68, 51.31, -23.75
CIELCh	58, 56.542, 335.167
Yxy	25.6227, 0.3456, 0.2320
Android (android.graphics.Color)	4291650997 (0xFFCD65B5)
YUV	141.2160, 19.6135, 55.9386
Hunter-Lab	50.6189, 46.0143, -19.2092

Details

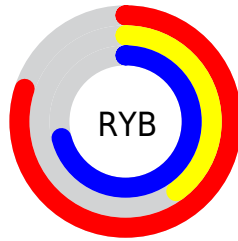
The Yxy color **25.6227, 0.3456, 0.2320** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **47.9061, 0.2920, 0.4527**, and the grayscale version is **26.6376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8171, 0.3323, 0.2474**, and **9.8874, 0.3535, 0.2041** is the 20% darker color. If you saturate the color by 10%, you get **21.9360, 0.3544, 0.2163**, and if you desaturate by 10%, it is **30.3110, 0.3375, 0.2501**.

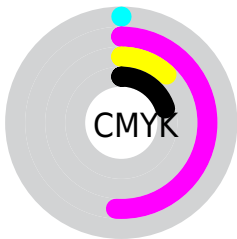
Distribution



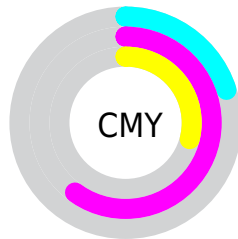
- Red (80%)
- Green (40%)
- Blue (71%)



- Red (80%)
- Yellow (40%)
- Blue (71%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6227, 0.3456, 0.2320 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 25.6227, 0.3456, 0.2320 by changing the saturation by 10% instead.


 25.6227, 0.3456,
0.2320

 25.6227, 0.3456,
0.2320


280.9250, 0.3295,
0.2808


 16.5416, 0.3494,
0.2198


 52.6656, 0.3399,
0.2498


 9.9082, 0.3542,
0.2043


 71.3963, 0.3377,
0.2564

 5.3381, 0.3603,
0.1839


 94.1122, 0.3358,
0.2621

 2.4470, 0.3681,
0.1562

 121.1978, 0.3342,
0.2669

 0.8499, 0.3780,
0.1171

153.0375, 0.3328,
0.2711

 0.0000, 0.4140,
0.0000

190.0156, 0.3316,

 0.0000, 0.0000,

0.2747

0.0000

232.5167, 0.3305,
0.2780

■ 25.6227, 0.3456,
0.2320

■ 25.6227, 0.3456,
0.2320

■ 21.9360, 0.3544,
0.2163

■ 30.3110, 0.3375,
0.2501

■ 19.1721, 0.3635,
0.2038

■ 36.0649, 0.3301,
0.2694

■ 17.2461, 0.3728,
0.1956

■ 42.9472, 0.3236,
0.2892

■ 16.0557, 0.3819,
0.1920

■ 51.0148, 0.3179,
0.3088

■ 15.4360, 0.3901,
0.1922

■ 60.3208, 0.3130,
0.3277

■ 70.9150, 0.3089,
0.3456

■ 82.8446, 0.3054,
0.3623

■ 89.6036, 0.3025,
0.3678

■ 89.8560, 0.2999,
0.3626

Harmonies

Analogous

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



25.6227, 0.2529, 0.1986



25.6227, 0.3456, 0.2320



25.6227, 0.4414, 0.2846

Triad

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



25.6227, 0.3456, 0.2320



25.6227, 0.4326, 0.4777



25.6227, 0.1580, 0.2665

Complementary

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



25.6227, 0.3456, 0.2320



47.9061, 0.2920, 0.4527

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.



25.6227, 0.1921, 0.3631



25.6227, 0.3456, 0.2320



25.6227, 0.3492, 0.5083

Square

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



25.6227, 0.3456, 0.2320



25.6227, 0.4895, 0.4148



25.6227, 0.2611, 0.4661



25.6227, 0.1580, 0.2098

Rectangle

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



25.6227, 0.3456, 0.2320



25.6227, 0.4850, 0.3259



25.6227, 0.2611, 0.4661



25.6227, 0.1654, 0.2948

Sweetspot

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



25.6239, 0.3456, 0.2320



77.4215, 0.3204, 0.3001



17.9682, 0.2349, 0.1764



15.9725, 0.3216, 0.2959



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.



25.6239, 0.3456, 0.2320



35.3897, 0.3553, 0.2148



23.9121, 0.4137, 0.2919



11.3577, 0.3172, 0.3113



9.6257, 0.3888, 0.1916



0.5077, 0.3730, 0.1828

Inverse Universe

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



25.6239, 0.3456, 0.2320



35.3897, 0.3553, 0.2148



49.5414, 0.2629, 0.3723



11.3577, 0.3172, 0.3113



9.6257, 0.3888, 0.1916



0.5077, 0.3730, 0.1828

Previews

White Background



This preview shows how the Yxy color 25.6227, 0.3456, 0.2320 looks on a white background.

Color Contrast Check

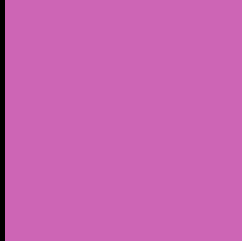
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6227, 0.3456, 0.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

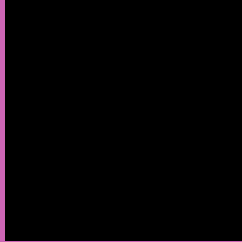
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6227, 0.3456, 0.2320

Background



This preview shows how black text looks on a background with the Yxy color 25.6227, 0.3456, 0.2320.



This preview shows how white text looks on a background with the Yxy color 25.6227, 0.3456, 0.2320.

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

25.6227, 0.3456, 0.2320

Protanopia

26.0722, 0.2334, 0.2221

Deuteranopia

25.7718, 0.2739, 0.2677



Tritanopia

25.6068, 0.4108, 0.3174

Trichromacy



Original Color

25.6227, 0.3456, 0.2320



Protanomaly

24.7419, 0.2649, 0.2218



Deuteranomaly

24.8138, 0.2977, 0.2502



Tritanomaly

25.3684, 0.3868, 0.2837

Monochromacy



Original Color

25.6227, 0.3456, 0.2320



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.2145, 0.3240, 0.2840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6227, 0.3456, 0.2320 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, 101, 181)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 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(205, 101, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 181) }
```

Border

The CSS property to change the border of an element to Yxy 25.6227, 0.3456, 0.2320 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, 101, 181) }
```

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

```
.border{ border-color:rgb(205, 101, 181) }
```

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

Here you see how a box with a 4 pixel rgb(205, 101, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 181);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6227, 0.3456, 0.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 181) }
```

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

```
.background{ background-color: rgb(205,  
101, 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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