

Converting Colors

Yxy(25.6486, 0.3323, 0.2165)

Have a look what the booklet for
Yxy(25.6486, 0.3323, 0.2165)
contains.

| | |
|---|----|
| Yxy(25.7074, 0.3329, 0.2170) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(25.7074, 0.3329, 0.2170)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CE62C1 |
| RGB | 206, 98, 193 |
| RGB Percent | 81%, 38%, 76% |
| CMY | 0.1923, 0.6155, 0.2432 |
| CMYK | 0.00, 0.52, 0.06, 0.19 |
| HSL | 307°, 52%, 60% |
| HSV | 307°, 52%, 81% |
| XYZ | 39.4378, 25.7074, 53.3221 |
| YIQ | 141.1220, 33.8730, 52.4410 |

Conversions

Conversions Part 2

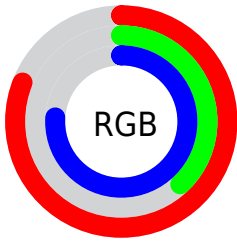
| Format | Color |
|-------------------------------------|--|
| RYB | 206, 98, 193 |
| Decimal | 13525697 |
| CIELab | 57.76, 55.01, -30.48 |
| CIELCh | 58, 62.885, 331.012 |
| Yxy | 25.7074, 0.3329, 0.2170 |
| Android (android.graphics.Color) | 4291715777 (0xFFCE62C1) |
| YUV | 141.1220, 25.5759, 56.8980 |
| Hunter-Lab | 50.7025, 50.1128, -26.8616 |

Details

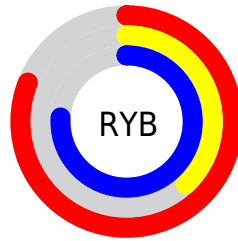
The Yxy color **25.7074, 0.3329, 0.2170** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **47.8735, 0.2981, 0.4761**, and the grayscale version is **26.5776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9446, 0.3214, 0.2343**, and **9.9096, 0.3362, 0.1863** is the 20% darker color. If you saturate the color by 10%, you get **22.2262, 0.3376, 0.2002**, and if you desaturate by 10%, it is **30.1845, 0.3284, 0.2366**.

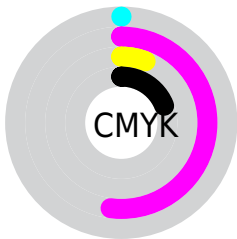
Distribution



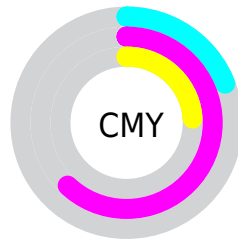
- Red (81%)
- Green (38%)
- Blue (76%)



- Red (81%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (52%)
- Yellow (6%)
- Black (19%)



- Cyan (19%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7074, 0.3329, 0.2170 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 25.7074, 0.3329, 0.2170 by changing the saturation by 10% instead.


 25.7074, 0.3329,
0.2170


 25.7074, 0.3329,
0.2170


281.3428, 0.3243,
0.2724


 16.6049, 0.3345,
0.2036


 52.8025, 0.3301,
0.2369

 9.9532, 0.3362,
0.1867


 71.5639, 0.3290,
0.2444

 5.3679, 0.3379,
0.1650


 94.3137, 0.3280,
0.2508

 2.4647, 0.3389,
0.1363

 121.4363, 0.3271,
0.2563

 0.8589, 0.3375,
0.0977

153.3162, 0.3262,
0.2611

 0.0000, 0.3439,
0.0000

190.3376, 0.3255,

 0.0000, 0.0771,

0.2654

0.0000

232.8850, 0.3249,
0.2691

0.0000, 0.0000,
0.0000

25.7074, 0.3329,
0.2170

25.7074, 0.3329,
0.2170

22.2262, 0.3376,
0.2002

30.1845, 0.3284,
0.2366

19.6596, 0.3422,
0.1870

35.7233, 0.3241,
0.2579

17.9195, 0.3468,
0.1781

42.3882, 0.3201,
0.2800

16.8989, 0.3510,
0.1736

50.2375, 0.3166,
0.3023

16.4606, 0.3541,
0.1724

59.3255, 0.3134,
0.3239

■ 69.7030, 0.3107,
0.3446

■ 81.4181, 0.3083,
0.3641

■ 89.4314, 0.3064,
0.3744

■ 89.5581, 0.3051,
0.3717

Harmonies

Analogous

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



25.7074, 0.2349, 0.1847



25.7074, 0.3329, 0.2170



25.7074, 0.4422, 0.2707

Triad

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



25.7074, 0.3329, 0.2170



25.7074, 0.4519, 0.4805



25.7074, 0.1473, 0.2706

Complementary

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



25.7074, 0.3329, 0.2170



47.8735, 0.2981, 0.4761

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.



25.7074, 0.1881, 0.3834



25.7074, 0.3329, 0.2170



25.7074, 0.3630, 0.5272

Square

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



25.7074, 0.3329, 0.2170



25.7074, 0.5106, 0.4082



25.7074, 0.2666, 0.4960



25.7074, 0.1433, 0.2039

Rectangle

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



25.7074, 0.3329, 0.2170



25.7074, 0.4959, 0.3138



25.7074, 0.2666, 0.4960



25.7074, 0.1565, 0.3038

Sweetspot

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



25.7086, 0.3329, 0.2170



76.3622, 0.3179, 0.2938



16.5524, 0.2224, 0.1672



15.7759, 0.3186, 0.2892



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.



25.7086, 0.3329, 0.2170



35.3646, 0.3382, 0.1981



23.7354, 0.4032, 0.2773



11.3796, 0.3156, 0.3089



10.1492, 0.3535, 0.1721



0.5303, 0.3463, 0.1681

Inverse Universe

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



25.7086, 0.3329, 0.2170



35.3646, 0.3382, 0.1981



49.4271, 0.2678, 0.3909



11.3796, 0.3156, 0.3089



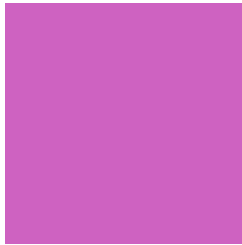
10.1492, 0.3535, 0.1721



0.5303, 0.3463, 0.1681

Previews

White Background



This preview shows how the Yxy color 25.7074, 0.3329, 0.2170 looks on a white background.

Color Contrast Check

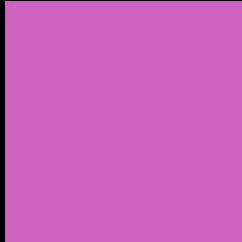
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7074, 0.3329, 0.2170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

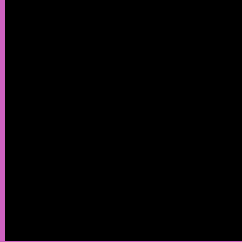
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7074, 0.3329, 0.2170

Background



This preview shows how black text looks on a background with the Yxy color 25.7074, 0.3329, 0.2170.



This preview shows how white text looks on a background with the Yxy color 25.7074, 0.3329, 0.2170.

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

25.7074, 0.3329, 0.2170

Protanopia

26.0478, 0.2187, 0.2019

Deuteranopia

25.9485, 0.2589, 0.2530



Tritanopia

25.6973, 0.4091, 0.3186

Trichromacy



Original Color

25.7074, 0.3329, 0.2170



Protanomaly

24.4739, 0.2496, 0.2028



Deuteranomaly

24.9080, 0.2821, 0.2344



Tritanomaly

25.4929, 0.3815, 0.2786

Monochromacy



Original Color

25.7074, 0.3329, 0.2170



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.2046, 0.3209, 0.2770

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7074, 0.3329, 0.2170 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(206, 98, 193)` looks like.

```
.text, #text, p{  
    color:rgb(206, 98, 193)  
}
```

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(206, 98, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 98, 193) }
```

Border

The CSS property to change the border of an element to Yxy 25.7074, 0.3329, 0.2170 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(206, 98, 193) }
```

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

```
.border{ border-color:rgb(206, 98, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 98, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 98, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 98, 193);  
box-shadow:4px 4px 4px 4px rgb(206, 98,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7074, 0.3329, 0.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 98, 193) }
```

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

```
.background{ background-color: rgb(206, 98,  
193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor