

Converting Colors

$Yxy(24.9227, 0.4029, 0.3098)$

Have a look what the booklet for
Yxy(24.9227, 0.4029, 0.3098)
contains.

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Color

Yxy(24.8564, 0.4028, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	C4707F
RGB	196, 112, 127
RGB Percent	77%, 44%, 50%
CMY	0.2313, 0.5608, 0.5020
CMYK	0.00, 0.43, 0.35, 0.23
HSL	349°, 42%, 60%
HSV	349°, 43%, 77%
XYZ	32.3913, 24.8564, 23.1677
YIQ	138.8260, 45.2490, 22.4730

Conversions

Conversions Part 2

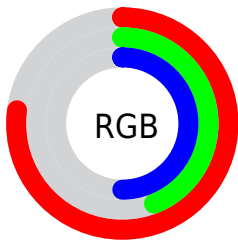
Format	Color
R_{YB}	196, 112, 127
Decimal	12873855
CIE _{Lab}	56.94, 34.87, 6.35
CIE _{LCh}	57, 35.445, 10.321
Yxy	24.8564, 0.4028, 0.3091
Android (android.graphics.Color)	4291063935 (0xFFC4707F)
YUV	138.8260, -5.8302, 50.1416
Hunter-Lab	49.8562, 28.7222, 7.3479

Details

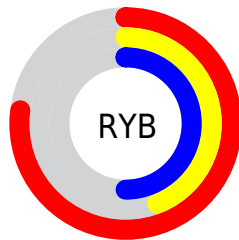
The Yxy color **24.8564, 0.4028, 0.3091** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.2653, 0.2637, 0.3509**, and the grayscale version is **25.7586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4656, 0.3833, 0.3134**, and **9.5708, 0.4374, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **20.6060, 0.4367, 0.3051**, and if you desaturate by 10%, it is **30.1177, 0.3743, 0.3137**.

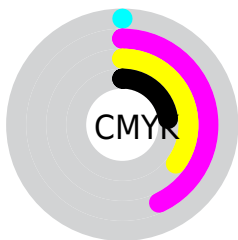
Distribution



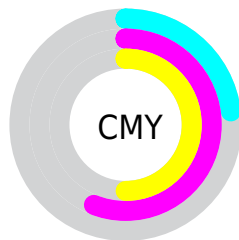
- Red (77%)
- Green (44%)
- Blue (50%)



- Red (77%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (43%)
- Yellow (35%)
- Black (23%)




- Cyan (23%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8564, 0.4028, 0.3091 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 24.8564, 0.4028, 0.3091 by changing the saturation by 10% instead.


 24.8564, 0.4028,
0.3091


 24.8564, 0.4028,
0.3091


277.1220, 0.3528,
0.3209


 15.9701, 0.4172,
0.3054


 51.4242, 0.3833,
0.3139

 9.5030, 0.4369,
0.3000


 69.8744, 0.3764,
0.3156

 5.0707, 0.4655,
0.2918

 92.2815, 0.3707,
0.3169

 2.2888, 0.5103,
0.2778

 119.0297, 0.3659,
0.3180

 0.7678, 0.6106,
0.2578

150.5034, 0.3619,
0.3189

 0.0000, 1.0000,
0.0000


187.0871, 0.3584,


 0.0000, 0.0000,


0.3197


0.0000


229.1652, 0.3554,
0.3204

 24.8564, 0.4028,
0.3091


 24.8564, 0.4028,
0.3091


 20.6060, 0.4367,
0.3051


 30.1177, 0.3743,
0.3137


 17.2981, 0.4756,
0.3026


 36.4455, 0.3509,
0.3186


 14.8612, 0.5175,
0.3022


 43.8955, 0.3319,
0.3233

 13.2124, 0.5587,
0.3048

 52.5186, 0.3165,
0.3278

 12.2520, 0.5939,
0.3106

 62.3624, 0.3041,
0.3319

 11.8582, 0.6137,
0.3155

 73.4721, 0.2940,
0.3357

 85.8903, 0.2858,
0.3391

 90.4769, 0.2784,
0.3289

Harmonies

Analogous

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



24.8564, 0.3462, 0.2691



24.8564, 0.4028, 0.3091



24.8564, 0.4328, 0.3556

Triad

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



24.8564, 0.4028, 0.3091



24.8564, 0.3315, 0.4378



24.8564, 0.2088, 0.2468

Complementary

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



24.8564, 0.4028, 0.3091



46.2653, 0.2637, 0.3509

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.



24.8564, 0.2059, 0.2836



24.8564, 0.4028, 0.3091



24.8564, 0.2730, 0.4022

Square

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



24.8564, 0.4028, 0.3091



24.8564, 0.3879, 0.4338



24.8564, 0.2280, 0.3413



24.8564, 0.2359, 0.2337

Rectangle

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



24.8564, 0.4028, 0.3091



24.8564, 0.4323, 0.3865



24.8564, 0.2280, 0.3413



24.8564, 0.2051, 0.2564

Sweetspot

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



24.8576, 0.4028, 0.3091



79.0114, 0.3325, 0.3232



25.3508, 0.3010, 0.2197



16.2288, 0.3364, 0.3221



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.



24.8576, 0.4028, 0.3091



38.0579, 0.4329, 0.3055



31.2573, 0.4071, 0.3649



10.1066, 0.3261, 0.3249



7.6279, 0.6108, 0.3138



0.3388, 0.5521, 0.2815

Inverse Universe

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



24.8576, 0.4028, 0.3091



38.0579, 0.4329, 0.3055



35.9580, 0.2485, 0.2890



10.1066, 0.3261, 0.3249



7.6279, 0.6108, 0.3138



0.3388, 0.5521, 0.2815

Previews

White Background



This preview shows how the Yxy color 24.8564, 0.4028, 0.3091 looks on a white background.

Color Contrast Check

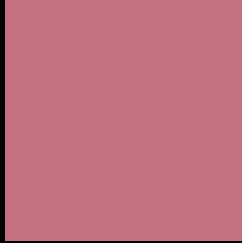
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8564, 0.4028, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

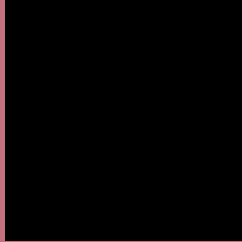
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8564, 0.4028, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 24.8564, 0.4028, 0.3091.



This preview shows how white text looks on a background with the Yxy color 24.8564, 0.4028, 0.3091.

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

24.8564, 0.4028, 0.3091

Protanopia

24.9347, 0.3098, 0.3206

Deuteranopia

24.9263, 0.3486, 0.3420



Tritanopia

24.9265, 0.4105, 0.3185

Trichromacy



Original Color

24.8564, 0.4028, 0.3091

Protanomaly

24.3272, 0.3408, 0.3149

Deuteranomaly

24.6939, 0.3681, 0.3292

Tritanomaly

24.9761, 0.4077, 0.3158

Monochromacy



Original Color

24.8564, 0.4028, 0.3091

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9234, 0.3427, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8564, 0.4028, 0.3091 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(196, 112, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 112, 127)  
}
```

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(196, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 112, 127) }
```

Border

The CSS property to change the border of an element to Yxy 24.8564, 0.4028, 0.3091 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(196, 112, 127) }
```

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

```
.border{ border-color:rgb(196, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 112,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8564, 0.4028, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 112, 127) }
```

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

```
.background{ background-color: rgb(196,  
112, 127) }
```

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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