

Converting Colors

$Y_{xy}(25.1755, 0.4086, 0.3185)$

Have a look what the booklet for
Yxy(25.1755, 0.4086, 0.3185)
contains.

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Color

Yxy(25.1755, 0.4086, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	C4727A
RGB	196, 114, 122
RGB Percent	77%, 45%, 48%
CMY	0.2313, 0.5529, 0.5215
CMYK	0.00, 0.42, 0.38, 0.23
HSL	354°, 41%, 61%
HSV	354°, 42%, 77%
XYZ	32.2974, 25.1755, 21.5711
YIQ	139.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

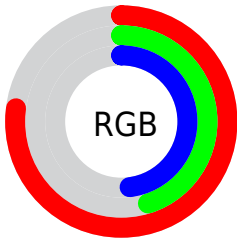
Format	Color
R _Y B	196, 114, 122
Decimal	12874362
CIE Lab	57.25, 33.19, 9.69
CIE LCh	57, 34.581, 16.281
Yxy	25.1755, 0.4086, 0.3185
Android (android.graphics.Color)	4291064442 (0xFFC4727A)
YUV	139.4300, -8.5930, 49.6119
Hunter-Lab	50.1752, 27.0924, 9.6329

Details

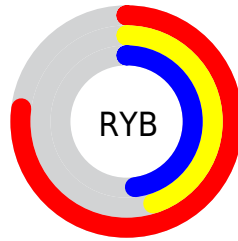
The Yxy color **25.1755, 0.4086, 0.3185** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.6928, 0.2607, 0.3404**, and the grayscale version is **26.0143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9534, 0.3884, 0.3219**, and **9.7367, 0.4443, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **20.8194, 0.4456, 0.3164**, and if you desaturate by 10%, it is **30.5613, 0.3776, 0.3210**.

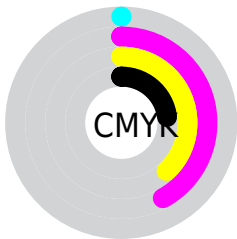
Distribution



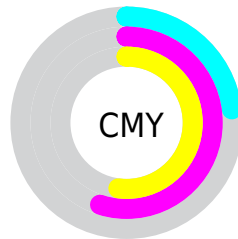
- Red (77%)
- Green (45%)
- Blue (48%)



- Red (77%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (42%)
- Yellow (38%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1755, 0.4086, 0.3185 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 25.1755, 0.4086, 0.3185 by changing the saturation by 10% instead.


 25.1755, 0.4086,
0.3185


 25.1755, 0.4086,
0.3185


278.7108, 0.3553,
0.3256


 16.2079, 0.4239,
0.3159


 51.9418, 0.3878,
0.3216

 9.6714, 0.4448,
0.3121


 70.5092, 0.3805,
0.3226

 5.1816, 0.4751,
0.3057

 93.0454, 0.3744,
0.3234

 2.3542, 0.5222,
0.2941

 119.9347, 0.3694,
0.3240

 0.8022, 0.6440,
0.2862

151.5615, 0.3651,
0.3245

 0.0000, 1.0000,
0.0000


188.3101, 0.3614,


 0.0000, 0.0000,

0.3249


0.0000


230.5651, 0.3581,
0.3253


 25.1755, 0.4086,
0.3185


 25.1755, 0.4086,
0.3185

 20.8194, 0.4456,
0.3164


 30.5613, 0.3776,
0.3210


 17.4239, 0.4880,
0.3152


 37.0327, 0.3523,
0.3236

 14.9171, 0.5331,
0.3153

 44.6461, 0.3318,
0.3262


 13.2158, 0.5759,
0.3173

 53.4529, 0.3154,
0.3286

 12.2206, 0.6103,
0.3210

 63.5012, 0.3021,
0.3308

 11.7846, 0.6294,
0.3241

 74.8368, 0.2915,
0.3328

 87.5028, 0.2828,
0.3347

 90.4772, 0.2784,
0.3289

Harmonies

Analogous

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



25.1755, 0.3574, 0.2776



25.1755, 0.4086, 0.3185



25.1755, 0.4310, 0.3643

Triad

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



25.1755, 0.4086, 0.3185



25.1755, 0.3196, 0.4306



25.1755, 0.2149, 0.2446

Complementary

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



25.1755, 0.4086, 0.3185



46.6928, 0.2607, 0.3404

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.



25.1755, 0.2072, 0.2761



25.1755, 0.4086, 0.3185



25.1755, 0.2641, 0.3894

Square

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



25.1755, 0.4086, 0.3185



25.1755, 0.3761, 0.4345



25.1755, 0.2240, 0.3289



25.1755, 0.2458, 0.2362

Rectangle

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



25.1755, 0.4086, 0.3185



25.1755, 0.4259, 0.3937



25.1755, 0.2240, 0.3289



25.1755, 0.2096, 0.2525

Sweetspot

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



25.1768, 0.4086, 0.3185



78.8639, 0.3343, 0.3258



26.6875, 0.3087, 0.2246



16.1929, 0.3387, 0.3253



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.



25.1768, 0.4086, 0.3185



38.4602, 0.4414, 0.3166



33.7583, 0.4001, 0.3730



10.0935, 0.3274, 0.3268



7.5772, 0.6274, 0.3230



0.3329, 0.5877, 0.3011

Inverse Universe

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



25.1768, 0.4086, 0.3185



38.4602, 0.4414, 0.3166



33.8308, 0.2482, 0.2795



10.0935, 0.3274, 0.3268



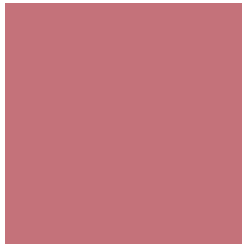
7.5772, 0.6274, 0.3230



0.3329, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 25.1755, 0.4086, 0.3185 looks on a white background.

Color Contrast Check

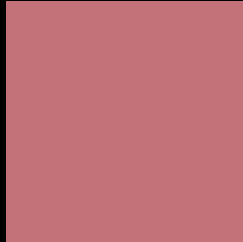
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1755, 0.4086, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

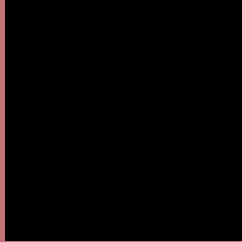
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1755, 0.4086, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 25.1755, 0.4086, 0.3185.



This preview shows how white text looks on a background with the Yxy color 25.1755, 0.4086, 0.3185.

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

25.1755, 0.4086, 0.3185

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

25.3761, 0.3577, 0.3515



Tritanopia

25.1755, 0.4086, 0.3185

Trichromacy



Original Color

25.1755, 0.4086, 0.3185

Protanomaly

24.8893, 0.3498, 0.3275

Deuteranomaly

25.0484, 0.3763, 0.3383

Tritanomaly

25.1755, 0.4086, 0.3185

Monochromacy



Original Color

25.1755, 0.4086, 0.3185

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1323, 0.3448, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1755, 0.4086, 0.3185 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, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(196, 114, 122)  
}
```

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, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 114, 122) }
```

Border

The CSS property to change the border of an element to Yxy 25.1755, 0.4086, 0.3185 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, 114, 122) }
```

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

```
.border{ border-color:rgb(196, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(196, 114,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1755, 0.4086, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 114, 122) }
```

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

```
.background{ background-color: rgb(196,  
114, 122) }
```

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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