

Converting Colors

$Y_{xy}(24.0097, 0.4283, 0.3202)$

Have a look what the booklet for
Yxy(24.0097, 0.4283, 0.3202)
contains.

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Color

Yxy(24.0097, 0.4283, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C86B72
RGB	200, 107, 114
RGB Percent	78%, 42%, 45%
CMY	0.2157, 0.5804, 0.5530
CMYK	0.00, 0.47, 0.43, 0.22
HSL	355°, 46%, 60%
HSV	355°, 47%, 78%
XYZ	32.1154, 24.0097, 18.8583
YIQ	135.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

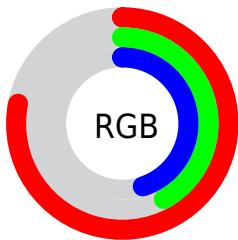
Format	Color
R _Y B	200, 107, 114
Decimal	13134706
CIE Lab	56.10, 37.49, 12.82
CIE LCh	56, 39.620, 18.883
Yxy	24.0097, 0.4283, 0.3202
Android (android.graphics.Color)	4291324786 (0xFFC86B72)
YUV	135.6050, -10.6513, 56.4744
Hunter-Lab	48.9997, 31.2431, 11.4811

Details

The Yxy color **24.0097, 0.4283, 0.3202** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **48.2889, 0.2551, 0.3389**, and the grayscale version is **24.4914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.1548, 0.3987, 0.3229**, and **9.0613, 0.4738, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **19.9322, 0.4691, 0.3189**, and if you desaturate by 10%, it is **29.1392, 0.3935, 0.3220**.

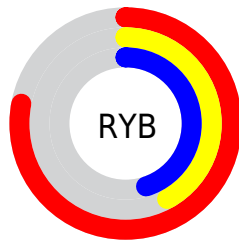
Distribution



Red (78%)

Green (42%)

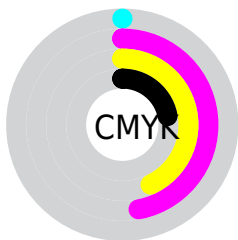
Blue (45%)



Red (78%)

Yellow (42%)

Blue (45%)

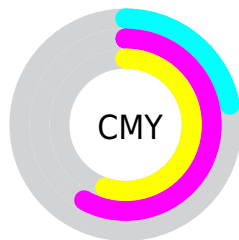


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0097, 0.4283, 0.3202 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 24.0097, 0.4283, 0.3202 by changing the saturation by 10% instead.


 24.0097, 0.4283,
0.3202


 24.0097, 0.4283,
0.3202


272.8695, 0.3636,
0.3271


 15.3408, 0.4470,
0.3174


 50.0460, 0.4030,
0.3234

 9.0589, 0.4725,
0.3129


 68.1823, 0.3941,
0.3244

 4.7796, 0.5094,
0.3051

 90.2431, 0.3867,
0.3252

 2.1186, 0.5664,
0.2903

 116.6128, 0.3806,
0.3257

 0.6750, 0.7248,
0.2752

147.6760, 0.3754,
0.3262

 0.0000, 1.0000,
0.0000


183.8169, 0.3709,

 0.0000, 0.0000,


0.3265


0.0000


225.4199, 0.3670,
0.3268

 24.0097, 0.4283,
0.3202

 24.0097, 0.4283,
0.3202

 19.9322, 0.4691,
0.3189


 29.1392, 0.3935,
0.3220


 16.8305, 0.5142,
0.3185


 35.3829, 0.3648,
0.3239


 14.6240, 0.5595,
0.3194


 42.8022, 0.3415,
0.3259

 13.2174, 0.5988,
0.3218

 51.4533, 0.3228,
0.3278

 12.4883, 0.6259,
0.3252

 61.3885, 0.3078,
0.3296

 12.3149, 0.6326,
0.3259

 72.6572, 0.2958,
0.3312

 85.3062, 0.2860,
0.3327

 91.0204, 0.2805,
0.3289

Harmonies

Analogous

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



24.0097, 0.3703, 0.2735



24.0097, 0.4283, 0.3202



24.0097, 0.4502, 0.3720

Triad

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



24.0097, 0.4283, 0.3202



24.0097, 0.3135, 0.4465



24.0097, 0.2030, 0.2301

Complementary

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



24.0097, 0.4283, 0.3202



48.2889, 0.2551, 0.3389

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.



24.0097, 0.1920, 0.2626



24.0097, 0.4283, 0.3202



24.0097, 0.2509, 0.3942

Square

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



24.0097, 0.4283, 0.3202



24.0097, 0.3793, 0.4528



24.0097, 0.2080, 0.3217



24.0097, 0.2398, 0.2235

Rectangle

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



24.0097, 0.4283, 0.3202



24.0097, 0.4411, 0.4056



24.0097, 0.2080, 0.3217



24.0097, 0.1964, 0.2379

Sweetspot

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



24.0109, 0.4283, 0.3202



77.3527, 0.3368, 0.3264



25.9264, 0.3096, 0.2141



15.8937, 0.3413, 0.3260



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.



24.0109, 0.4283, 0.3202



34.3208, 0.4704, 0.3189



33.8241, 0.4123, 0.3799



10.6497, 0.3278, 0.3273



7.8349, 0.6309, 0.3249



0.3756, 0.6007, 0.3083

Inverse Universe

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



24.0109, 0.4283, 0.3202



34.3208, 0.4704, 0.3189



32.8754, 0.2408, 0.2703



10.6497, 0.3278, 0.3273



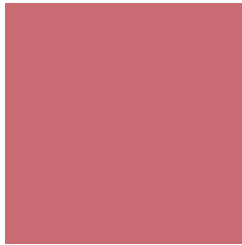
7.8349, 0.6309, 0.3249



0.3756, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 24.0097, 0.4283, 0.3202 looks on a white background.

Color Contrast Check

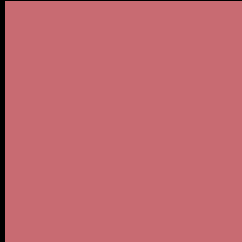
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0097, 0.4283, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

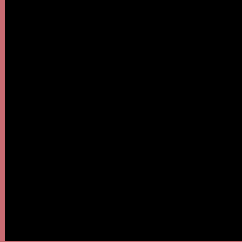
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0097, 0.4283, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 24.0097, 0.4283, 0.3202.



This preview shows how white text looks on a background with the Yxy color 24.0097, 0.4283, 0.3202.

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

24.0097, 0.4283, 0.3202

Protanopia

24.0977, 0.3248, 0.3393

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

24.0326, 0.4269, 0.3189

Trichromacy



Original Color

24.0097, 0.4283, 0.3202

Protanomaly

23.4224, 0.3598, 0.3307

Deuteranomaly

23.9510, 0.3908, 0.3459

Tritanomaly

24.0326, 0.4269, 0.3189

Monochromacy



Original Color

24.0097, 0.4283, 0.3202

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.5967, 0.3509, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0097, 0.4283, 0.3202 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(200, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(200, 107, 114)  
}
```

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(200, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 107, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.0097, 0.4283, 0.3202 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(200, 107, 114) }
```

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

```
.border{ border-color:rgb(200, 107, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 107, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(200, 107,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0097, 0.4283, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 107, 114) }
```

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

```
.background{ background-color: rgb(200,  
107, 114) }
```

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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