

Converting Colors

$Y_{xy}(24.0217, 0.4367, 0.3373)$

Have a look what the booklet for
Yxy(24.0217, 0.4367, 0.3373)
contains.

Yxy(24.0217, 0.4367, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0217, 0.4367, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	C56E68
RGB	197, 110, 104
RGB Percent	77%, 43%, 41%
CMY	0.2275, 0.5686, 0.5921
CMYK	0.00, 0.44, 0.47, 0.23
HSL	4°, 44%, 59%
HSV	4°, 47%, 77%
XYZ	31.1007, 24.0217, 16.0952
YIQ	135.3290, 53.7780, 16.5780

Conversions

Conversions Part 2

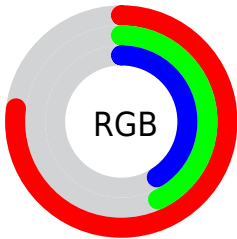
Format	Color
R_{YB}	197, 110, 104
Decimal	12938856
CIE _{Lab}	56.11, 33.73, 18.58
CIE _{LCh}	56, 38.507, 28.846
Yxy	24.0217, 0.4367, 0.3373
Android (android.graphics.Color)	4291128936 (0xFFC56E68)
YUV	135.3290, -15.4452, 54.0855
Hunter-Lab	49.0119, 27.4970, 14.8379

Details

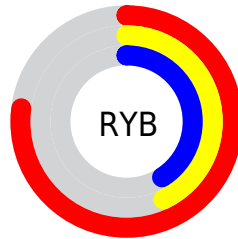
The Yxy color **24.0217, 0.4367, 0.3373** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.2356, 0.2490, 0.3201**, and the grayscale version is **24.4016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8209, 0.4084, 0.3377**, and **9.1026, 0.4841, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **20.0963, 0.4790, 0.3386**, and if you desaturate by 10%, it is **28.8700, 0.4002, 0.3356**.

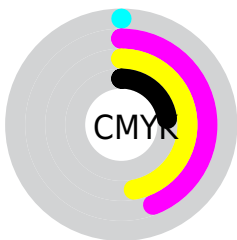
Distribution



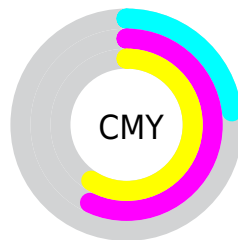
- Red (77%)
- Green (43%)
- Blue (41%)



- Red (77%)
- Yellow (43%)
- Blue (41%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0217, 0.4367, 0.3373 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 24.0217, 0.4367, 0.3373 by changing the saturation by 10% instead.


 24.0217, 0.4367,
0.3373


 24.0217, 0.4367,
0.3373


272.9302, 0.3673,
0.3355


 15.3497, 0.4566,
0.3365


 50.0656, 0.4096,
0.3374

 9.0652, 0.4837,
0.3345


 68.2063, 0.4000,
0.3372

 4.7837, 0.5225,
0.3296

 90.2721, 0.3921,
0.3370

 2.1209, 0.5839,
0.3193

 116.6473, 0.3855,
0.3367

 0.6764, 0.7072,
0.2928

147.7163, 0.3799,
0.3363

 0.0000, 1.0000,
0.0000

183.8635, 0.3751,

 0.0000, 0.0000,

0.3361

0.0000

225.4733, 0.3710,
0.3358

■ 24.0217, 0.4367,
0.3373

■ 24.0217, 0.4367,
0.3373

■ 20.0963, 0.4790,
0.3386

■ 28.8700, 0.4002,
0.3356

■ 17.0319, 0.5248,
0.3391

■ 34.6906, 0.3697,
0.3338

■ 14.7648, 0.5696,
0.3384


■ 41.5340, 0.3449,
0.3319

■ 13.2208, 0.6068,
0.3365

■ 49.4460, 0.3248,
0.3302


■ 12.3105, 0.6308,
0.3337

■ 58.4696, 0.3085,
0.3286

 12.1508, 0.6357,
0.3334

 68.6455, 0.2954,
0.3271

 80.0123, 0.2846,
0.3258

 90.6103, 0.2789,
0.3289

Harmonies

Analogous

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



24.0217, 0.3901, 0.2891



24.0217, 0.4367, 0.3373



24.0217, 0.4443, 0.3880

Triad

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



24.0217, 0.4367, 0.3373



24.0217, 0.2922, 0.4303



24.0217, 0.2149, 0.2278

Complementary

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



24.0217, 0.4367, 0.3373



44.2356, 0.2490, 0.3201

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.



24.0217, 0.1956, 0.2510



24.0217, 0.4367, 0.3373



24.0217, 0.2361, 0.3693

Square

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



24.0217, 0.4367, 0.3373



24.0217, 0.3573, 0.4522



24.0217, 0.2024, 0.3006



24.0217, 0.2590, 0.2289

Rectangle

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



24.0217, 0.4367, 0.3373



24.0217, 0.4274, 0.4188



24.0217, 0.2024, 0.3006



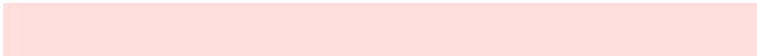
24.0217, 0.2057, 0.2327

Sweetspot

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



24.0229, 0.4367, 0.3373



78.4226, 0.3384, 0.3314



25.5931, 0.3231, 0.2203



16.1496, 0.3431, 0.3318



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.



24.0229, 0.4367, 0.3373



35.5788, 0.4819, 0.3386



36.3631, 0.4061, 0.3962



10.7450, 0.3288, 0.3306



8.0364, 0.6347, 0.3343



0.4197, 0.6165, 0.3487

Inverse Universe

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



44.2356, 0.2490, 0.3201



76.1935, 0.2389, 0.3178



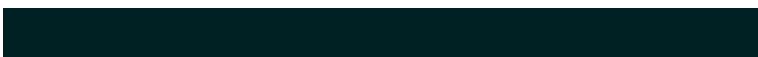
27.4868, 0.2361, 0.2492



11.9458, 0.2984, 0.3275



25.3257, 0.2192, 0.3089



1.2354, 0.2204, 0.3134

Previews

White Background



This preview shows how the Yxy color 24.0217, 0.4367, 0.3373 looks on a white background.

Color Contrast Check

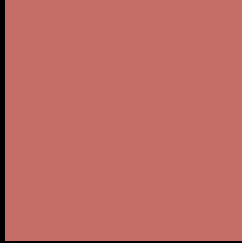
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0217, 0.4367, 0.3373 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 24.0217, 0.4367, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 24.0217, 0.4367, 0.3373.



This preview shows how white text looks on a background with the Yxy color 24.0217, 0.4367, 0.3373.

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

24.0217, 0.4367, 0.3373

Protanopia

24.3397, 0.3412, 0.3615

Deuteranopia

24.0110, 0.3818, 0.3742



Tritanopia

23.9918, 0.4225, 0.3187

Trichromacy



Original Color

24.0217, 0.4367, 0.3373

Protanomaly

23.7729, 0.3738, 0.3514

Deuteranomaly

23.7626, 0.4022, 0.3594

Tritanomaly

24.1129, 0.4275, 0.3254

Monochromacy



Original Color

24.0217, 0.4367, 0.3373

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6460, 0.3542, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0217, 0.4367, 0.3373 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(197, 110, 104)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 104)  
}
```

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(197, 110, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 104) }
```

Border

The CSS property to change the border of an element to Yxy 24.0217, 0.4367, 0.3373 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(197, 110, 104) }
```

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

```
.border{ border-color:rgb(197, 110, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(197, 110,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0217, 0.4367, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 104) }
```

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

```
.background{ background-color: rgb(197,  
110, 104) }
```

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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