

Converting Colors

$Y_{xy}(24.1039, 0.4140, 0.3273)$

Have a look what the booklet for
Yxy(24.1039, 0.4140, 0.3273)
contains.

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Color

Yxy(24.1015, 0.4140, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	BF7172
RGB	191, 113, 114
RGB Percent	75%, 44%, 45%
CMY	0.2510, 0.5569, 0.5529
CMYK	0.00, 0.41, 0.40, 0.25
HSL	359°, 38%, 60%
HSV	359°, 41%, 75%
XYZ	30.4301, 24.1015, 18.9710
YIQ	136.4360, 46.1670, 16.8470

Conversions

Conversions Part 2

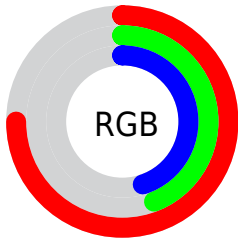
Format	Color
R_{YB}	191, 113, 114
Decimal	12546418
CIE Lab	56.19, 30.89, 12.76
CIE LCh	56, 33.422, 22.442
Yxy	24.1015, 0.4140, 0.3279
Android (android.graphics.Color)	4290736498 (0xFFBF7172)
YUV	136.4360, -11.0609, 47.8526
Hunter-Lab	49.0933, 24.7285, 11.4540

Details

The Yxy color **24.1015, 0.4140, 0.3279** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.4929, 0.2579, 0.3303**, and the grayscale version is **24.8228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3496, 0.3920, 0.3292**, and **9.0993, 0.4540, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **19.8939, 0.4539, 0.3277**, and if you desaturate by 10%, it is **29.2968, 0.3806, 0.3281**.

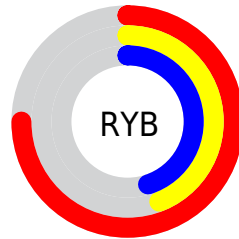
Distribution



Red (75%)

Green (44%)

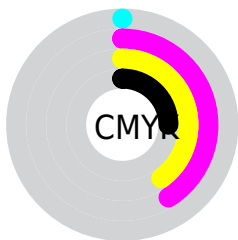
Blue (45%)



Red (75%)

Yellow (44%)

Blue (45%)

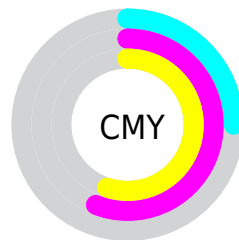


Cyan (0%)

Magenta (41%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1015, 0.4140, 0.3279 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 24.1015, 0.4140, 0.3279 by changing the saturation by 10% instead.


 24.1015, 0.4140,
0.3279


 24.1015, 0.4140,
0.3279


273.3332, 0.3573,
0.3302


 15.4089, 0.4304,
0.3265


 50.1958, 0.3918,
0.3293


 9.1069, 0.4530,
0.3240


 68.3663, 0.3839,
0.3296

 4.8110, 0.4858,
0.3193

 90.4649, 0.3775,
0.3298

 2.1368, 0.5371,
0.3092

 116.8760, 0.3721,
0.3300

 0.6852, 0.6921,
0.3079

147.9840, 0.3676,
0.3301

 0.0000, 1.0000,
0.0000

184.1732, 0.3637,

 0.0000, 0.0000,

0.3301

0.0000

225.8282, 0.3603,
0.3302

■ 24.1015, 0.4140,
0.3279

■ 24.1015, 0.4140,
0.3279

■ 19.8939, 0.4539,
0.3277

■ 29.2968, 0.3806,
0.3281

■ 16.6082, 0.4993,
0.3277

■ 35.5331, 0.3534,
0.3284

■ 14.1764, 0.5467,
0.3279

■ 42.8641, 0.3315,
0.3287


■ 12.5193, 0.5900,
0.3283

■ 51.3386, 0.3140,
0.3290


■ 11.5434, 0.6218,
0.3290

■ 61.0026, 0.3000,
0.3292

 11.0827, 0.6388,
0.3292

 71.8998, 0.2887,
0.3295

 84.0712, 0.2796,
0.3297

 89.8173, 0.2757,
0.3289

Harmonies

Analogous

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



24.1015, 0.3683, 0.2861



24.1015, 0.4140, 0.3279



24.1015, 0.4289, 0.3730

Triad

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



24.1015, 0.4140, 0.3279



24.1015, 0.3078, 0.4229



24.1015, 0.2210, 0.2427

Complementary

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



24.1015, 0.4140, 0.3279



44.4929, 0.2579, 0.3303

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.



24.1015, 0.2086, 0.2689



24.1015, 0.4140, 0.3279



24.1015, 0.2553, 0.3766

Square

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



24.1015, 0.4140, 0.3279



24.1015, 0.3643, 0.4346



24.1015, 0.2202, 0.3171



24.1015, 0.2559, 0.2387

Rectangle

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



24.1015, 0.4140, 0.3279



24.1015, 0.4193, 0.4009



24.1015, 0.2202, 0.3171



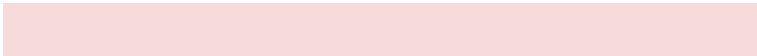
24.1015, 0.2143, 0.2488

Sweetspot

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



24.1027, 0.4140, 0.3279



74.8734, 0.3342, 0.3287



26.4816, 0.3159, 0.2294



16.0431, 0.3369, 0.3286



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1027, 0.4140, 0.3279



36.3487, 0.4494, 0.3278



34.3074, 0.3936, 0.3805



9.5383, 0.3286, 0.3287



7.2837, 0.6384, 0.3291



0.2860, 0.6320, 0.3255

Inverse Universe

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



24.1027, 0.4140, 0.3279



36.3487, 0.4494, 0.3278



30.1546, 0.2481, 0.2705



9.5383, 0.3286, 0.3287



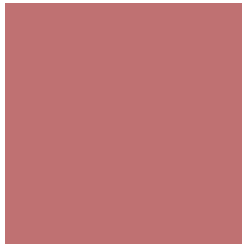
7.2837, 0.6384, 0.3291



0.2860, 0.6320, 0.3255

Previews

White Background



This preview shows how the Yxy color 24.1015, 0.4140, 0.3279 looks on a white background.

Color Contrast Check

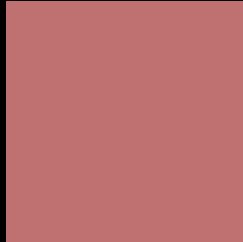
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1015, 0.4140, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

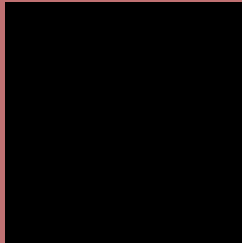
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1015, 0.4140, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 24.1015, 0.4140, 0.3279.



This preview shows how white text looks on a background with the Yxy color 24.1015, 0.4140, 0.3279.

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

24.1015, 0.4140, 0.3279

Protanopia

24.3841, 0.3290, 0.3461

Deuteranopia

24.2811, 0.3670, 0.3599



Tritanopia

24.1509, 0.4075, 0.3183

Trichromacy



Original Color

24.1015, 0.4140, 0.3279

Protanomaly

23.9301, 0.3587, 0.3388

Deuteranomaly

24.0202, 0.3835, 0.3477

Tritanomaly

24.1028, 0.4103, 0.3211

Monochromacy



Original Color

24.1015, 0.4140, 0.3279

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0648, 0.3463, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1015, 0.4140, 0.3279 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(191, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(191, 113, 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(191, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 113, 114) }
```

Border

The CSS property to change the border of an element to Yxy 24.1015, 0.4140, 0.3279 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(191, 113, 114) }
```

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

```
.border{ border-color:rgb(191, 113, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 113, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(191, 113,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1015, 0.4140, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 113, 114) }
```

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

```
.background{ background-color: rgb(191,  
113, 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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