

Converting Colors

$Yxy(25.4444, 0.4331, 0.3401)$

Have a look what the booklet for
Yxy(25.4444, 0.4331, 0.3401)
contains.

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Color

Yxy(25.4442, 0.4329, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	C7736A
RGB	199, 115, 106
RGB Percent	78%, 45%, 42%
CMY	0.2197, 0.5490, 0.5843
CMYK	0.00, 0.42, 0.47, 0.22
HSL	6°, 45%, 60%
HSV	6°, 47%, 78%
XYZ	32.2825, 25.4442, 16.8460
YIQ	139.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

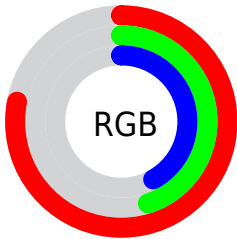
Format	Color
R_{YB}	199, 116, 106
Decimal	13071210
CIE _{Lab}	57.51, 32.02, 19.37
CIE _{LCh}	58, 37.422, 31.165
Yxy	25.4442, 0.4329, 0.3412
Android (android.graphics.Color)	4291261290 (0xFFC7736A)
YUV	139.0900, -16.3134, 52.5411
Hunter-Lab	50.4422, 25.9642, 15.5088

Details

The Yxy color **25.4442, 0.4329, 0.3412** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.0023, 0.2487, 0.3158**, and the grayscale version is **25.9052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6996, 0.4043, 0.3409**, and **9.8471, 0.4772, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **21.3712, 0.4739, 0.3432**, and if you desaturate by 10%, it is **30.4147, 0.3975, 0.3387**.

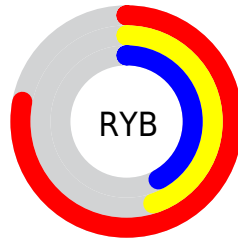
Distribution



Red (78%)

Green (45%)

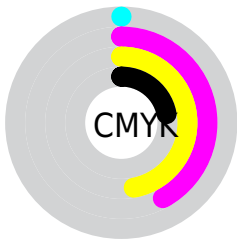
Blue (42%)



Red (78%)

Yellow (45%)

Blue (42%)

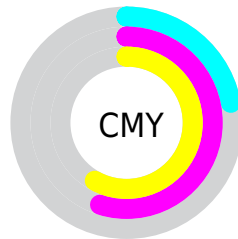


Cyan (0%)

Magenta (42%)

Yellow (47%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4442, 0.4329, 0.3412 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 25.4442, 0.4329, 0.3412 by changing the saturation by 10% instead.


 25.4442, 0.4329,
0.3412


 25.4442, 0.4329,
0.3412


280.0429, 0.3662,
0.3372


 16.4083, 0.4518,
0.3411


 52.3769, 0.4070,
0.3405

 9.8135, 0.4774,
0.3400


 71.0426, 0.3978,
0.3400

 5.2755, 0.5136,
0.3367

 93.6869, 0.3902,
0.3394

 2.4098, 0.5688,
0.3282

 120.6943, 0.3838,
0.3389

 0.8309, 0.6845,
0.3155

152.4493, 0.3784,
0.3385

 0.0000, 1.0000,
0.0000


189.3361, 0.3738,

 0.0000, 0.0000,


0.3380


0.0000


231.7392, 0.3698,
0.3376

 25.4442, 0.4329,
0.3412


 25.4442, 0.4329,
0.3412


 21.3712, 0.4739,
0.3432


 30.4147, 0.3975,
0.3387


 18.1386, 0.5185,
0.3440


 36.3277, 0.3679,
0.3359


 15.6884, 0.5629,
0.3433


 43.2299, 0.3436,
0.3332


 13.9540, 0.6008,
0.3407

 51.1639, 0.3239,
0.3306

 12.8566, 0.6266,
0.3366

 60.1694, 0.3078,
0.3282

 12.6155, 0.6329,
0.3357

 70.2845, 0.2948,
0.3261

 81.5450, 0.2841,
0.3241

 90.8800, 0.2800,
0.3289

Harmonies

Analogous

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



25.4442, 0.3910, 0.2943



25.4442, 0.4329, 0.3412



25.4442, 0.4374, 0.3897

Triad

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



25.4442, 0.4329, 0.3412



25.4442, 0.2888, 0.4216



25.4442, 0.2214, 0.2313

Complementary

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



25.4442, 0.4329, 0.3412



44.0023, 0.2487, 0.3158

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.



25.4442, 0.2009, 0.2520



25.4442, 0.4329, 0.3412



25.4442, 0.2362, 0.3623

Square

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



25.4442, 0.4329, 0.3412



25.4442, 0.3510, 0.4462



25.4442, 0.2056, 0.2977



25.4442, 0.2656, 0.2339

Rectangle

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



25.4442, 0.4329, 0.3412



25.4442, 0.4197, 0.4184



25.4442, 0.2056, 0.2977



25.4442, 0.2119, 0.2355

Sweetspot

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



25.4455, 0.4329, 0.3412



79.0375, 0.3382, 0.3326



26.2207, 0.3264, 0.2244



16.2969, 0.3429, 0.3331



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.



25.4455, 0.4329, 0.3412



37.3663, 0.4743, 0.3432



38.4063, 0.4030, 0.3993



10.7995, 0.3287, 0.3313



8.1729, 0.6315, 0.3367



0.4448, 0.6059, 0.3571

Inverse Universe

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



44.0023, 0.2487, 0.3158



73.6832, 0.2386, 0.3125



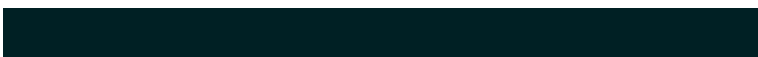
27.3602, 0.2360, 0.2451



11.8850, 0.2984, 0.3267



23.6382, 0.2163, 0.2986



1.1715, 0.2182, 0.3054

Previews

White Background



This preview shows how the Yxy color 25.4442, 0.4329, 0.3412 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 25.4442, 0.4329, 0.3412 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 25.4442, 0.4329, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 25.4442, 0.4329, 0.3412.



This preview shows how white text looks on a background with the Yxy color 25.4442, 0.4329, 0.3412.

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

25.4442, 0.4329, 0.3412

Protanopia

25.5723, 0.3440, 0.3642

Deuteranopia

25.6468, 0.3834, 0.3761



Tritanopia

25.4701, 0.4152, 0.3188

Trichromacy



Original Color

25.4442, 0.4329, 0.3412

Protanomaly

25.1569, 0.3744, 0.3557

Deuteranomaly

25.2683, 0.4021, 0.3617

Tritanomaly

25.5749, 0.4214, 0.3267

Monochromacy



Original Color

25.4442, 0.4329, 0.3412

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0746, 0.3530, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4442, 0.4329, 0.3412 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(199, 115, 106)` looks like.

```
.text, #text, p{  
    color:rgb(199, 115, 106)  
}
```

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(199, 115, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 115, 106) }
```

Border

The CSS property to change the border of an element to Yxy 25.4442, 0.4329, 0.3412 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(199, 115, 106) }
```

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

```
.border{ border-color:rgb(199, 115, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 115, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 115, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 115, 106);  
box-shadow:4px 4px 4px 4px rgb(199, 115,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4442, 0.4329, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 115, 106) }
```

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

```
.background{ background-color: rgb(199,  
115, 106) }
```

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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