

Converting Colors

$Y_{xy}(29.0108, 0.4348, 0.3344)$

Have a look what the booklet for
Yxy(29.0108, 0.4348, 0.3344)
contains.

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Color

Yxy(29.1410, 0.4346, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	D77874
RGB	215, 120, 116
RGB Percent	84%, 47%, 45%
CMY	0.1568, 0.5294, 0.5450
CMYK	0.00, 0.44, 0.46, 0.16
HSL	2°, 55%, 65%
HSV	2°, 46%, 84%
XYZ	37.8955, 29.1410, 20.1598
YIQ	147.9490, 57.9040, 18.8960

Conversions

Conversions Part 2

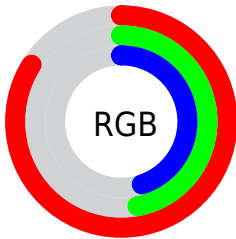
Format	Color
R _Y B	215, 120, 116
Decimal	14121076
CIE Lab	60.91, 36.51, 18.60
CIE LCh	61, 40.980, 27.000
Yxy	29.1410, 0.4346, 0.3342
Android (android.graphics.Color)	4292311156 (0xFFD77874)
YUV	147.9490, -15.7509, 58.8037
Hunter-Lab	53.9824, 30.8373, 15.6458

Details

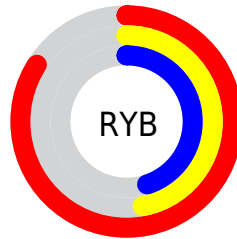
The Yxy color **29.1410, 0.4346, 0.3342** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **55.2273, 0.2506, 0.3235**, and the grayscale version is **29.6424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3593, 0.3916, 0.3356**, and **11.8417, 0.4774, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **24.2579, 0.4774, 0.3351**, and if you desaturate by 10%, it is **35.2125, 0.3978, 0.3331**.

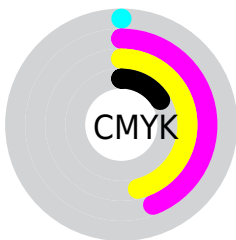
Distribution



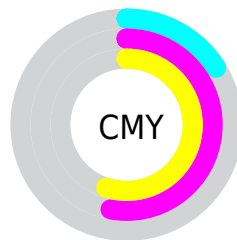
- Red (84%)
- Green (47%)
- Blue (45%)



- Red (84%)
- Yellow (47%)
- Blue (45%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1410, 0.4346, 0.3342 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 29.1410, 0.4346, 0.3342 by changing the saturation by 10% instead.


 29.1410, 0.4346,
0.3342


 29.1410, 0.4346,
0.3342


297.8797, 0.3683,
0.3340


 19.1875, 0.4528,
0.3332


 58.3010, 0.4093,
0.3349

 11.8058, 0.4771,
0.3310


 78.2764, 0.4001,
0.3349

 6.6116, 0.5110,
0.3267


 102.3611, 0.3925,
0.3348

 3.2204, 0.5604,
0.3172

130.9396, 0.3862,
0.3347

 1.2479, 0.6812,
0.3153

164.3964, 0.3807,
0.3345

 0.1003, 0.9085,
0.0915


203.1157, 0.3760,


 0.0000, 0.0000,

0.3344


0.0000

247.4820, 0.3719,
0.3342

 29.1410, 0.4346,
0.3342

 29.1410, 0.4346,
0.3342


 24.2579, 0.4774,
0.3351


 35.2125, 0.3978,
0.3331


 20.4814, 0.5241,
0.3354

 42.5387, 0.3673,
0.3319


 17.7262, 0.5699,
0.3351


 51.1858, 0.3426,
0.3307

 15.8928, 0.6079,
0.3339

 61.2146, 0.3228,
0.3296

 14.8614, 0.6317,
0.3321

 72.6819, 0.3068,
0.3286

 14.6348, 0.6377,
0.3319

 85.6411, 0.2939,
0.3277

 93.1877, 0.2889,
0.3289

Harmonies

Analogous

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



29.1410, 0.3861, 0.2865



29.1410, 0.4346, 0.3342



29.1410, 0.4448, 0.3849

Triad

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



29.1410, 0.4346, 0.3342



29.1410, 0.2962, 0.4328



29.1410, 0.2132, 0.2287

Complementary

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



29.1410, 0.4346, 0.3342



55.2273, 0.2506, 0.3235

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.



29.1410, 0.1955, 0.2535



29.1410, 0.4346, 0.3342



29.1410, 0.2391, 0.3736

Square

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



29.1410, 0.4346, 0.3342



29.1410, 0.3611, 0.4518



29.1410, 0.2039, 0.3045



29.1410, 0.2557, 0.2284

Rectangle

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



29.1410, 0.4346, 0.3342



29.1410, 0.4293, 0.4160



29.1410, 0.2039, 0.3045



29.1410, 0.2044, 0.2341

Sweetspot

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



29.1425, 0.4346, 0.3342



77.9617, 0.3385, 0.3305



31.6843, 0.3212, 0.2207



16.0392, 0.3433, 0.3308



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.



29.1425, 0.4346, 0.3342



36.0153, 0.4752, 0.3350



44.0171, 0.4048, 0.3930



12.4998, 0.3290, 0.3300



8.7898, 0.6369, 0.3325



0.5589, 0.6271, 0.3403

Inverse Universe

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



55.2273, 0.2506, 0.3235



78.8315, 0.2415, 0.3223



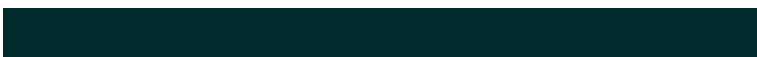
34.5394, 0.2381, 0.2536



14.0185, 0.2983, 0.3280



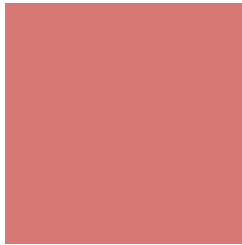
29.4848, 0.2213, 0.3165



1.8055, 0.2219, 0.3188

Previews

White Background



This preview shows how the Yxy color 29.1410, 0.4346, 0.3342 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 29.1410, 0.4346, 0.3342 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 29.1410, 0.4346, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 29.1410, 0.4346, 0.3342.



This preview shows how white text looks on a background with the Yxy color 29.1410, 0.4346, 0.3342.

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

29.1410, 0.4346, 0.3342

Protanopia

29.3224, 0.3380, 0.3575

Deuteranopia

29.1038, 0.3797, 0.3723



Tritanopia

29.0881, 0.4227, 0.3183

Trichromacy



Original Color

29.1410, 0.4346, 0.3342

Protanomaly

28.5767, 0.3716, 0.3483

Deuteranomaly

28.6587, 0.4002, 0.3572

Tritanomaly

29.2226, 0.4274, 0.3245

Monochromacy



Original Color

29.1410, 0.4346, 0.3342

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.7252, 0.3531, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1410, 0.4346, 0.3342 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(215, 120, 116)` looks like.

```
.text, #text, p{  
    color:rgb(215, 120, 116)  
}
```

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(215, 120, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 120, 116) }
```

Border

The CSS property to change the border of an element to Yxy 29.1410, 0.4346, 0.3342 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(215, 120, 116) }
```

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

```
.border{ border-color:rgb(215, 120, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 120, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 120, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 120, 116); box-shadow:4px 4px 4px 4px rgb(215, 120, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1410, 0.4346, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 120, 116) }
```

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

```
.background{ background-color: rgb(215,  
120, 116) }
```

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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