

Converting Colors

$Yxy(23.7832, 0.4873, 0.3368)$

Have a look what the booklet for
Yxy(23.7832, 0.4873, 0.3368)
contains.

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Color

Yxy(23.7029, 0.4873, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	D8605A
RGB	216, 96, 90
RGB Percent	85%, 38%, 35%
CMY	0.1530, 0.6235, 0.6471
CMYK	0.00, 0.56, 0.58, 0.15
HSL	3°, 62%, 60%
HSV	3°, 58%, 85%
XYZ	34.3456, 23.7029, 12.4329
YIQ	131.1960, 73.4460, 23.5740

Conversions

Conversions Part 2

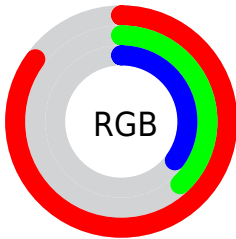
Format	Color
RYB	216, 96, 90
Decimal	14180442
CIELab	55.79, 46.70, 26.75
CIELCh	56, 53.815, 29.801
Yxy	23.7029, 0.4873, 0.3363
Android (android.graphics.Color)	4292370522 (0xFFD8605A)
YUV	131.1960, -20.3096, 74.3731
Hunter-Lab	48.6856, 40.7242, 18.9390

Details

The Yxy color **23.7029, 0.4873, 0.3363** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **53.2043, 0.2388, 0.3205**, and the grayscale version is **22.8260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9661, 0.4298, 0.3398**, and **8.9057, 0.5510, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **20.1133, 0.5341, 0.3366**, and if you desaturate by 10%, it is **28.3833, 0.4435, 0.3354**.

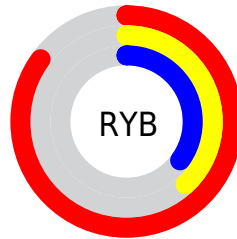
Distribution



Red (85%)

Green (38%)

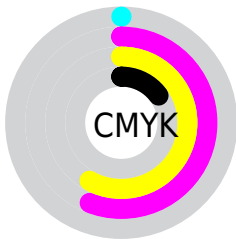
Blue (35%)



Red (85%)

Yellow (38%)

Blue (35%)

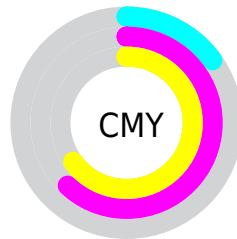


Cyan (0%)

Magenta (56%)

Yellow (58%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7029, 0.4873, 0.3363 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 23.7029, 0.4873, 0.3363 by changing the saturation by 10% instead.


 23.7029, 0.4873,
0.3363


 23.7029, 0.4873,
0.3363


271.3150, 0.3901,
0.3379


 15.1134, 0.5143,
0.3333


 49.5449, 0.4498,
0.3386


 8.8990, 0.5501,
0.3274


 67.5662, 0.4363,
0.3389

 4.6754, 0.5990,
0.3156

 89.5003, 0.4252,
0.3390

 2.0581, 0.6927,
0.3024

 115.7314, 0.4159,
0.3389

 0.6409, 0.7674,
0.2326

 146.6441, 0.4080,
0.3387

 0.0000, 1.0000,
0.0000


182.6226, 0.4012,


 0.0000, 0.0000,


0.3385


0.0000


224.0514, 0.3953,
0.3382


 23.7029, 0.4873,
0.3363


 23.7029, 0.4873,
0.3363


 20.1133, 0.5341,
0.3366


 28.3833, 0.4435,
0.3354

 17.5229, 0.5787,
0.3359

 34.2288, 0.4054,
0.3342


 15.8315, 0.6139,
0.3343

 41.3119, 0.3737,
0.3328

 14.9135, 0.6348,
0.3323

 49.6978, 0.3478,
0.3314

 14.8227, 0.6372,
0.3322

 59.4474, 0.3270,
0.3300

■ 70.6177, 0.3102,
0.3288

■ 83.2622, 0.2966,
0.3277

■ 93.3382, 0.2894,
0.3289

Harmonies

Analogous

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



23.7029, 0.4234, 0.2754



23.7029, 0.4873, 0.3363



23.7029, 0.4915, 0.4021

Triad

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



23.7029, 0.4873, 0.3363



23.7029, 0.2773, 0.4757



23.7029, 0.1837, 0.1936

Complementary

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



23.7029, 0.4873, 0.3363



53.2043, 0.2388, 0.3205

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.



23.7029, 0.1585, 0.2194



23.7029, 0.4873, 0.3363



23.7029, 0.2045, 0.3817

Square

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



23.7029, 0.4873, 0.3363



23.7029, 0.3646, 0.5031



23.7029, 0.1644, 0.2825



23.7029, 0.2407, 0.1975

Rectangle

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



23.7029, 0.4873, 0.3363



23.7029, 0.4637, 0.4455



23.7029, 0.1644, 0.2825



23.7029, 0.1719, 0.1986

Sweetspot

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



23.7042, 0.4873, 0.3363



72.6051, 0.3474, 0.3313



26.6501, 0.3235, 0.1967



14.7272, 0.3544, 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.



23.7042, 0.4873, 0.3363



28.2932, 0.5449, 0.3365



39.5136, 0.4363, 0.4081



12.5152, 0.3290, 0.3302



8.8187, 0.6363, 0.3330



0.5662, 0.6246, 0.3422

Inverse Universe

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



53.2043, 0.2388, 0.3205



74.9645, 0.2301, 0.3185



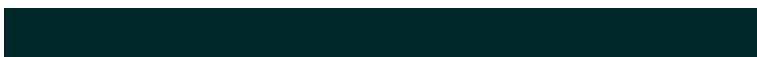
28.5577, 0.2187, 0.2286



14.0012, 0.2983, 0.3278



29.0116, 0.2206, 0.3141



1.7819, 0.2213, 0.3168

Previews

White Background



This preview shows how the Yxy color 23.7029, 0.4873, 0.3363 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 23.7029, 0.4873, 0.3363 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 23.7029, 0.4873, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 23.7029, 0.4873, 0.3363.



This preview shows how white text looks on a background with the Yxy color 23.7029, 0.4873, 0.3363.

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

23.7029, 0.4873, 0.3363

Protanopia

23.9304, 0.3539, 0.3771

Deuteranopia

23.7598, 0.4058, 0.3981



Tritanopia

23.6967, 0.4744, 0.3215

Trichromacy



Original Color

23.7029, 0.4873, 0.3363

Protanomaly

22.8991, 0.4023, 0.3599

Deuteranomaly

23.1078, 0.4379, 0.3718

Tritanomaly

23.7992, 0.4794, 0.3272

Monochromacy



Original Color

23.7029, 0.4873, 0.3363

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8992, 0.3723, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7029, 0.4873, 0.3363 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(216, 96, 90)` looks like.

```
.text, #text, p{  
    color:rgb(216, 96, 90)  
}
```

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(216, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 96, 90) }
```

Border

The CSS property to change the border of an element to Yxy 23.7029, 0.4873, 0.3363 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(216, 96, 90) }
```

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

```
.border{ border-color:rgb(216, 96, 90) }
```

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

Here you see how a box with a 4 pixel rgb(216, 96, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(216, 96,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7029, 0.4873, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 96, 90) }
```

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

```
.background{ background-color: rgb(216, 96,  
90) }
```

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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