

Converting Colors

$Yxy(24.3121, 0.4665, 0.3268)$

Have a look what the booklet for
Yxy(24.3121, 0.4665, 0.3268)
contains.

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Color

Yxy(24.3698, 0.4656, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	D66466
RGB	214, 100, 102
RGB Percent	84%, 39%, 40%
CMY	0.1608, 0.6078, 0.6000
CMYK	0.00, 0.53, 0.52, 0.16
HSL	359°, 58%, 62%
HSV	359°, 53%, 84%
XYZ	34.6884, 24.3698, 15.4444
YIQ	134.3140, 67.3020, 24.7900

Conversions

Conversions Part 2

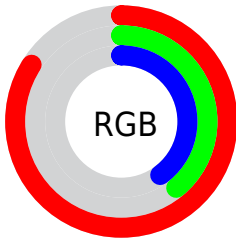
Format	Color
R _Y B	214, 100, 102
Decimal	14050406
CIE Lab	56.46, 45.00, 20.62
CIE LCh	56, 49.504, 24.617
Yxy	24.3698, 0.4656, 0.3271
Android (android.graphics.Color)	4292240486 (0xFFD66466)
YUV	134.3140, -15.9308, 69.8846
Hunter-Lab	49.3658, 39.0385, 16.0068

Details

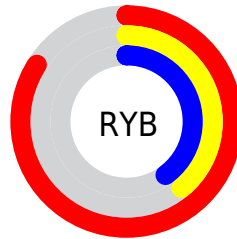
The Yxy color **24.3698, 0.4656, 0.3271** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55.5604, 0.2458, 0.3315**, and the grayscale version is **24.0034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6711, 0.4144, 0.3304**, and **9.2774, 0.5231, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **20.4254, 0.5122, 0.3271**, and if you desaturate by 10%, it is **29.5006, 0.4238, 0.3273**.

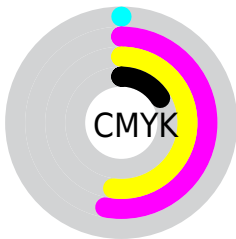
Distribution



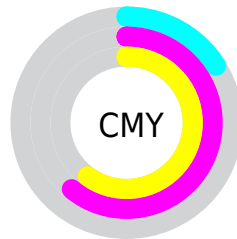
- Red (84%)
- Green (39%)
- Blue (40%)



- Red (84%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3698, 0.4656, 0.3271 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 24.3698, 0.4656, 0.3271 by changing the saturation by 10% instead.


 24.3698, 0.4656,
0.3271


 24.3698, 0.4656,
0.3271


274.6848, 0.3805,
0.3321


 15.6082, 0.4896,
0.3240


 50.6330, 0.4326,
0.3302

 9.2473, 0.5219,
0.3185


 68.9033, 0.4208,
0.3309

 4.9028, 0.5671,
0.3085

 91.1120, 0.4111,
0.3314

 2.1904, 0.6376,
0.2905

 117.6435, 0.4030,
0.3317

 0.7147, 0.7521,
0.2479

148.8821, 0.3961,
0.3319

 0.0000, 1.0000,
0.0000


185.2123, 0.3901,


 0.0000, 0.0000,


0.3320


0.0000


227.0183, 0.3850,
0.3321

 24.3698, 0.4656,
0.3271


 24.3698, 0.4656,
0.3271


 20.4254, 0.5122,
0.3271


 29.5006, 0.4238,
0.3273


 17.5689, 0.5594,
0.3274

 35.8982, 0.3885,
0.3277

 15.6928, 0.6004,
0.3280

 43.6405, 0.3597,
0.3281

 14.6654, 0.6280,
0.3289

 52.7981, 0.3365,
0.3285

 14.3054, 0.6385,
0.3291

 63.4367, 0.3179,
0.3289

■ 75.6177, 0.3031,
0.3292

■ 89.3992, 0.2912,
0.3296

■ 93.0372, 0.2883,
0.3289

Harmonies

Analogous

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



24.3698, 0.3998, 0.2710



24.3698, 0.4656, 0.3271



24.3698, 0.4804, 0.3884

Triad

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



24.3698, 0.4656, 0.3271



24.3698, 0.2952, 0.4704



24.3698, 0.1869, 0.2057

Complementary

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



24.3698, 0.4656, 0.3271



55.5604, 0.2458, 0.3315

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.



24.3698, 0.1682, 0.2362



24.3698, 0.4656, 0.3271



24.3698, 0.2236, 0.3938

Square

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



24.3698, 0.4656, 0.3271



24.3698, 0.3760, 0.4856



24.3698, 0.1796, 0.3014



24.3698, 0.2354, 0.2044

Rectangle

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



24.3698, 0.4656, 0.3271



24.3698, 0.4611, 0.4287



24.3698, 0.1796, 0.3014



24.3698, 0.1774, 0.2123

Sweetspot

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



24.3711, 0.4656, 0.3271



74.3563, 0.3427, 0.3284



27.7021, 0.3146, 0.2011



15.2992, 0.3474, 0.3283



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.



24.3711, 0.4656, 0.3271



29.6996, 0.5188, 0.3271



38.0668, 0.4285, 0.3935



12.4243, 0.3288, 0.3286



8.6476, 0.6380, 0.3289



0.5229, 0.6316, 0.3253

Inverse Universe

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



24.3711, 0.4656, 0.3271



29.6996, 0.5188, 0.3271



32.9863, 0.2289, 0.2509



12.4243, 0.3288, 0.3286



8.6476, 0.6380, 0.3289



0.5229, 0.6316, 0.3253

Previews

White Background



This preview shows how the Yxy color 24.3698, 0.4656, 0.3271 looks on a white background.

Color Contrast Check

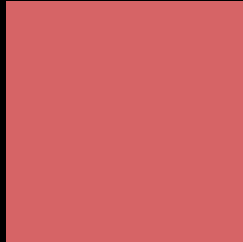
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3698, 0.4656, 0.3271 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 24.3698, 0.4656, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 24.3698, 0.4656, 0.3271.



This preview shows how white text looks on a background with the Yxy color 24.3698, 0.4656, 0.3271.

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

24.3698, 0.4656, 0.3271

Protanopia

24.6910, 0.3377, 0.3580

Deuteranopia

24.4054, 0.3884, 0.3816



Tritanopia

24.2604, 0.4606, 0.3212

Trichromacy



Original Color

24.3698, 0.4656, 0.3271

Protanomaly

23.6830, 0.3815, 0.3447

Deuteranomaly

23.7978, 0.4167, 0.3584

Tritanomaly

24.2397, 0.4620, 0.3224

Monochromacy



Original Color

24.3698, 0.4656, 0.3271

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1107, 0.3643, 0.3292

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3698, 0.4656, 0.3271 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(214, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(214, 100, 102)  
}
```

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(214, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 100, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.3698, 0.4656, 0.3271 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(214, 100, 102) }
```

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

```
.border{ border-color:rgb(214, 100, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 100, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(214, 100,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3698, 0.4656, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 100, 102) }
```

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

```
.background{ background-color: rgb(214,  
100, 102) }
```

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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