

Converting Colors

$Y_{xy}(23.6660, 0.4521, 0.3317)$

Have a look what the booklet for
Yxy(23.6660, 0.4521, 0.3317)
contains.

Yxy(23.6973, 0.4517, 0.3319)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.6973, 0.4517, 0.3319)

Conversions

Conversions Part 1

Format	Color
Hex	CC6866
RGB	204, 104, 102
RGB Percent	80%, 41%, 40%
CMY	0.2000, 0.5921, 0.5999
CMYK	0.00, 0.49, 0.50, 0.20
HSL	1°, 50%, 60%
HSV	1°, 50%, 80%
XYZ	32.2509, 23.6973, 15.4507
YIQ	133.6720, 60.2420, 20.5780

Conversions

Conversions Part 2

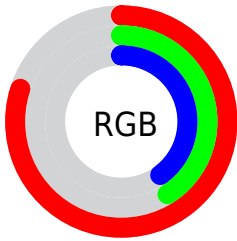
Format	Color
R_{YB}	204, 104, 102
Decimal	13396070
CIE Lab	55.78, 39.33, 19.45
CIE LCh	56, 43.876, 26.309
Yxy	23.6973, 0.4517, 0.3319
Android (android.graphics.Color)	4291586150 (0xFFCC6866)
YUV	133.6720, -15.6143, 61.6777
Hunter-Lab	48.6799, 33.0682, 15.2576

Details

The Yxy color **23.6973, 0.4517, 0.3319** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **49.4344, 0.2473, 0.3260**, and the grayscale version is **23.7568, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6738, 0.4131, 0.3335**, and **8.9330, 0.5050, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **19.7815, 0.4969, 0.3323**, and if you desaturate by 10%, it is **28.6702, 0.4120, 0.3314**.

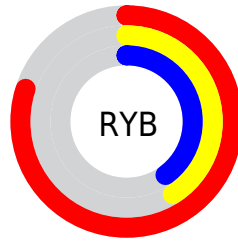
Distribution



Red (80%)

Green (41%)

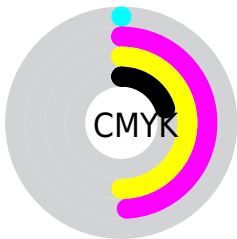
Blue (40%)



Red (80%)

Yellow (41%)

Blue (40%)

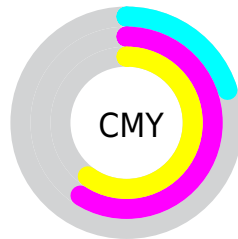


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6973, 0.4517, 0.3319 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 23.6973, 0.4517, 0.3319 by changing the saturation by 10% instead.


 23.6973, 0.4517,
0.3319


 23.6973, 0.4517,
0.3319


271.2865, 0.3739,
0.3337


 15.1092, 0.4740,
0.3299


 49.5358, 0.4213,
0.3336

 8.8961, 0.5042,
0.3260

 67.5550, 0.4106,
0.3339

 4.6735, 0.5470,
0.3182

 89.4867, 0.4017,
0.3340

 2.0570, 0.6159,
0.3039

 115.7153, 0.3943,
0.3340

 0.6403, 0.7374,
0.2626

146.6252, 0.3880,
0.3340

 0.0000, 1.0000,
0.0000

182.6008, 0.3826,


 0.0000, 0.0000,


0.3339


0.0000


224.0264, 0.3780,
0.3338


 23.6973, 0.4517,
0.3319


 23.6973, 0.4517,
0.3319


 19.7815, 0.4969,
0.3323


 28.6702, 0.4120,
0.3314


 16.8430, 0.5444,
0.3324


 34.7651, 0.3788,
0.3307


 14.7969, 0.5880,
0.3321


 42.0459, 0.3518,
0.3301

 13.5420, 0.6206,
0.3314

 50.5709, 0.3301,
0.3295


 12.9236, 0.6388,
0.3310

 60.3942, 0.3127,
0.3290

 12.9230, 0.6388,
0.3310

 71.5671, 0.2987,
0.3285

 84.1378, 0.2874,
0.3281

 91.5770, 0.2827,
0.3289

Harmonies

Analogous

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



23.6973, 0.3950, 0.2794



23.6973, 0.4517, 0.3319



23.6973, 0.4633, 0.3884

Triad

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



23.6973, 0.4517, 0.3319



23.6973, 0.2942, 0.4511



23.6973, 0.1999, 0.2162

Complementary

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



23.6973, 0.4517, 0.3319



49.4344, 0.2473, 0.3260

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.



23.6973, 0.1810, 0.2434



23.6973, 0.4517, 0.3319



23.6973, 0.2298, 0.3821

Square

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



23.6973, 0.4517, 0.3319



23.6973, 0.3676, 0.4699



23.6973, 0.1905, 0.3013



23.6973, 0.2463, 0.2158

Rectangle

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



23.6973, 0.4517, 0.3319



23.6973, 0.4454, 0.4244



23.6973, 0.1905, 0.3013



23.6973, 0.1905, 0.2220

Sweetspot

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



23.6985, 0.4517, 0.3319



76.1371, 0.3408, 0.3298



26.6229, 0.3201, 0.2112



15.6635, 0.3456, 0.3300



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.



23.6985, 0.4517, 0.3319



32.3168, 0.5007, 0.3323



37.1432, 0.4155, 0.3959



11.2480, 0.3290, 0.3295



8.1499, 0.6385, 0.3312



0.4330, 0.6330, 0.3356

Inverse Universe

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



49.4344, 0.2473, 0.3260



79.6829, 0.2382, 0.3253



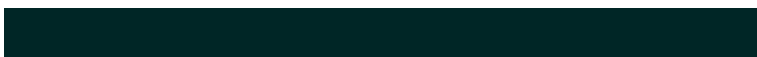
29.4193, 0.2325, 0.2487



12.6882, 0.2984, 0.3285



28.7717, 0.2230, 0.3229



1.4965, 0.2234, 0.3241

Previews

White Background



This preview shows how the Yxy color 23.6973, 0.4517, 0.3319 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 23.6973, 0.4517, 0.3319 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 23.6973, 0.4517, 0.3319

Background



This preview shows how black text looks on a background with the Yxy color 23.6973, 0.4517, 0.3319.



This preview shows how white text looks on a background with the Yxy color 23.6973, 0.4517, 0.3319.

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

23.6973, 0.4517, 0.3319

Protanopia

23.9739, 0.3403, 0.3600

Deuteranopia

23.9533, 0.3853, 0.3790



Tritanopia

23.8054, 0.4422, 0.3206

Trichromacy



Original Color

23.6973, 0.4517, 0.3319

Protanomaly

23.2061, 0.3790, 0.3482

Deuteranomaly

23.4478, 0.4098, 0.3606

Tritanomaly

23.7412, 0.4465, 0.3244

Monochromacy



Original Color

23.6973, 0.4517, 0.3319

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.9420, 0.3589, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6973, 0.4517, 0.3319 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(204, 104, 102)` looks like.

```
.text, #text, p{  
    color:rgb(204, 104, 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(204, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 104, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.6973, 0.4517, 0.3319 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(204, 104, 102) }
```

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

```
.border{ border-color:rgb(204, 104, 102) }
```

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

Here you see how a box with a 4 pixel rgb(204, 104, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(204, 104,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6973, 0.4517, 0.3319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 104, 102) }
```

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

```
.background{ background-color: rgb(204,  
104, 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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