

Converting Colors

$Y_{xy}(23.1378, 0.4566, 0.3174)$

Have a look what the booklet for
Yxy(23.1378, 0.4566, 0.3174)
contains.

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Color

Yxy(23.1453, 0.4565, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	D1616A
RGB	209, 97, 106
RGB Percent	82%, 38%, 42%
CMY	0.1803, 0.6196, 0.5844
CMYK	0.00, 0.54, 0.49, 0.18
HSL	355°, 55%, 60%
HSV	355°, 54%, 82%
XYZ	33.1737, 23.1453, 16.3507
YIQ	131.5140, 63.8630, 26.5430

Conversions

Conversions Part 2

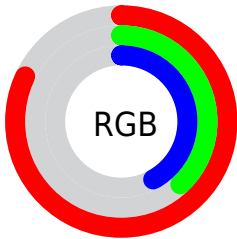
Format	Color
R_{YB}	209, 97, 106
Decimal	13721962
CIE _{Lab}	55.22, 45.05, 16.49
CIE _{LCh}	55, 47.971, 20.106
Yxy	23.1453, 0.4565, 0.3185
Android (android.graphics.Color)	4291912042 (0xFFD1616A)
YUV	131.5140, -12.5784, 67.9552
Hunter-Lab	48.1096, 38.8921, 13.5262

Details

The Yxy color **23.1453, 0.4565, 0.3185** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **52.3217, 0.2490, 0.3415**, and the grayscale version is **22.9190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8275, 0.4115, 0.3230**, and **8.6012, 0.5111, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **19.4237, 0.5006, 0.3178**, and if you desaturate by 10%, it is **27.9763, 0.4174, 0.3201**.

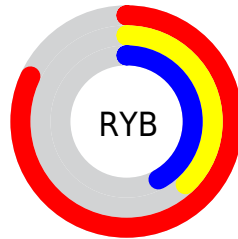
Distribution



Red (82%)

Green (38%)

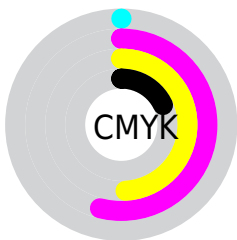
Blue (42%)



Red (82%)

Yellow (38%)

Blue (42%)

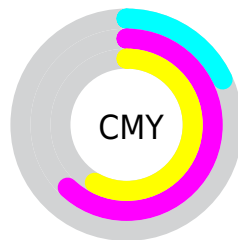


Cyan (0%)

Magenta (54%)

Yellow (49%)

Black (18%)



Cyan (18%)


Magenta (62%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1453, 0.4565, 0.3185 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 23.1453, 0.4565, 0.3185 by changing the saturation by 10% instead.

 23.1453, 0.4565,
0.3185


 23.1453, 0.4565,
0.3185


268.4704, 0.3758,
0.3275


 14.7008, 0.4797,
0.3146


 48.6318, 0.4249,
0.3229


 8.6097, 0.5113,
0.3082


 66.4426, 0.4138,
0.3242

 4.4875, 0.5563,
0.2971

 88.1443, 0.4046,
0.3251

 1.9498, 0.6261,
0.2770

 114.1214, 0.3969,
0.3258

 0.5781, 0.7699,
0.2301

144.7581, 0.3904,
0.3264

 0.0000, 1.0000,
0.0000


180.4389, 0.3848,


 0.0000, 0.0000,


0.3268

0.0000


221.5482, 0.3800,
0.3272


 23.1453, 0.4565,
0.3185


 23.1453, 0.4565,
0.3185


 19.4237, 0.5006,
0.3178


 27.9763, 0.4174,
0.3201

 16.7201, 0.5464,
0.3183


 33.9915, 0.3844,
0.3221

 14.9345, 0.5881,
0.3203

 41.2635, 0.3574,
0.3242

 13.9448, 0.6192,
0.3238

 49.8577, 0.3356,
0.3263

 13.5976, 0.6323,
0.3257

 59.8354, 0.3181,
0.3283

■ 71.2538, 0.3041,
0.3302

■ 84.1670, 0.2928,
0.3319

■ 92.2978, 0.2855,
0.3289

Harmonies

Analogous

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



23.1453, 0.3860, 0.2643



23.1453, 0.4565, 0.3185



23.1453, 0.4795, 0.3788

Triad

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



23.1453, 0.4565, 0.3185



23.1453, 0.3076, 0.4748



23.1453, 0.1837, 0.2097

Complementary

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



23.1453, 0.4565, 0.3185



52.3217, 0.2490, 0.3415

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.



23.1453, 0.1696, 0.2449



23.1453, 0.4565, 0.3185



23.1453, 0.2340, 0.4066

Square

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



23.1453, 0.4565, 0.3185



23.1453, 0.3869, 0.4804



23.1453, 0.1857, 0.3145



23.1453, 0.2273, 0.2044

Rectangle

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



23.1453, 0.4565, 0.3185



23.1453, 0.4653, 0.4191



23.1453, 0.1857, 0.3145



23.1453, 0.1758, 0.2179

Sweetspot

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



23.1465, 0.4565, 0.3185



74.4889, 0.3408, 0.3258



25.3883, 0.3086, 0.1983



15.3302, 0.3452, 0.3253



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.



23.1465, 0.4565, 0.3185



29.8975, 0.5058, 0.3177



34.2677, 0.4334, 0.3870



11.8234, 0.3278, 0.3272



8.3882, 0.6305, 0.3247



0.4745, 0.6019, 0.3089

Inverse Universe

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



23.1465, 0.4565, 0.3185



29.8975, 0.5058, 0.3177



33.1064, 0.2304, 0.2593



11.8234, 0.3278, 0.3272



8.3882, 0.6305, 0.3247



0.4745, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 23.1453, 0.4565, 0.3185 looks on a white background.

Color Contrast Check

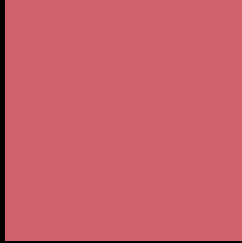
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1453, 0.4565, 0.3185 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 23.1453, 0.4565, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 23.1453, 0.4565, 0.3185.



This preview shows how white text looks on a background with the Yxy color 23.1453, 0.4565, 0.3185.

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

23.1453, 0.4565, 0.3185

Protanopia

23.2510, 0.3283, 0.3447

Deuteranopia

23.1862, 0.3791, 0.3717



Tritanopia

23.1042, 0.4594, 0.3210

Trichromacy



Original Color

23.1453, 0.4565, 0.3185

Protanomaly

22.2645, 0.3719, 0.3324

Deuteranomaly

22.5840, 0.4073, 0.3487

Tritanomaly

23.1246, 0.4579, 0.3197

Monochromacy



Original Color

23.1453, 0.4565, 0.3185

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.0973, 0.3603, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1453, 0.4565, 0.3185 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(209, 97, 106)` looks like.

```
.text, #text, p{  
    color:rgb(209, 97, 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(209, 97, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 97, 106) }
```

Border

The CSS property to change the border of an element to Yxy 23.1453, 0.4565, 0.3185 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(209, 97, 106) }
```

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

```
.border{ border-color:rgb(209, 97, 106) }
```

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

Here you see how a box with a 4 pixel rgb(209, 97, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 97, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 97, 106);  
box-shadow:4px 4px 4px 4px rgb(209, 97,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1453, 0.4565, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 97, 106) }
```

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

```
.background{ background-color: rgb(209, 97,  
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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