

Converting Colors

$Y_{xy}(23.1432, 0.4549, 0.3271)$

Have a look what the booklet for
Yxy(23.1432, 0.4549, 0.3271)
contains.

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Color

Yxy(23.0528, 0.4557, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	CD6466
RGB	205, 100, 102
RGB Percent	80%, 39%, 40%
CMY	0.1960, 0.6079, 0.5999
CMYK	0.00, 0.51, 0.50, 0.20
HSL	359°, 51%, 60%
HSV	359°, 51%, 80%
XYZ	32.1357, 23.0528, 15.3309
YIQ	131.6230, 61.9380, 22.8820

Conversions

Conversions Part 2

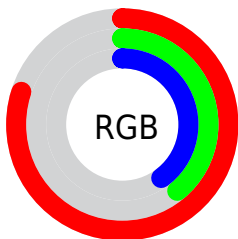
Format	Color
R_{YB}	205, 100, 102
Decimal	13460582
CIE Lab	55.13, 41.75, 18.58
CIE LCh	55, 45.696, 23.998
Yxy	23.0528, 0.4557, 0.3269
Android (android.graphics.Color)	4291650662 (0xFFCD6466)
YUV	131.6230, -14.6041, 64.3516
Hunter-Lab	48.0133, 35.4481, 14.6777

Details

The Yxy color **23.0528, 0.4557, 0.3269** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **50.6891, 0.2478, 0.3317**, and the grayscale version is **22.9691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3424, 0.4148, 0.3293**, and **8.5007, 0.5105, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **19.2523, 0.5013, 0.3268**, and if you desaturate by 10%, it is **27.9418, 0.4154, 0.3272**.

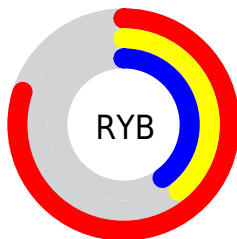
Distribution



Red (80%)

Green (39%)

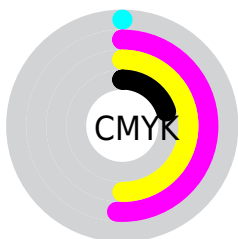
Blue (40%)



Red (80%)

Yellow (39%)

Blue (40%)

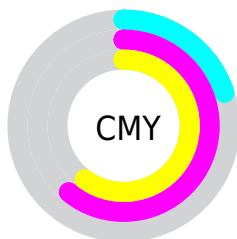


Cyan (0%)

Magenta (51%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (61%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0528, 0.4557, 0.3269 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 23.0528, 0.4557, 0.3269 by changing the saturation by 10% instead.


 23.0528, 0.4557,
0.3269


 23.0528, 0.4557,
0.3269


267.9961, 0.3753,
0.3315


 14.6325, 0.4788,
0.3240


 48.4800, 0.4243,
0.3297


 8.5619, 0.5102,
0.3190


 66.2557, 0.4131,
0.3304

 4.4565, 0.5550,
0.3096

 87.9187, 0.4040,
0.3308

 1.9321, 0.6276,
0.2929

 113.8533, 0.3964,
0.3311

 0.5676, 0.7584,
0.2416

144.4439, 0.3899,
0.3313

 0.0000, 1.0000,
0.0000


180.0750, 0.3843,

 0.0000, 0.0000,


0.3314


0.0000


221.1309, 0.3795,
0.3314


 23.0528, 0.4557,
0.3269


 23.0528, 0.4557,
0.3269


 19.2523, 0.5013,
0.3268


 27.9418, 0.4154,
0.3272


 16.4538, 0.5487,
0.3270


 33.9899, 0.3817,
0.3276


 14.5638, 0.5917,
0.3276

 41.2660, 0.3543,
0.3281

 13.4696, 0.6229,
0.3285

 49.8327, 0.3322,
0.3285

 12.9896, 0.6383,
0.3290

 59.7480, 0.3146,
0.3290

■ 71.0669, 0.3005,
0.3294

■ 83.8409, 0.2891,
0.3297

■ 91.7210, 0.2833,
0.3289

Harmonies

Analogous

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



23.0528, 0.3931, 0.2732



23.0528, 0.4557, 0.3269



23.0528, 0.4714, 0.3855

Triad

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



23.0528, 0.4557, 0.3269



23.0528, 0.2986, 0.4619



23.0528, 0.1925, 0.2123

Complementary

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



23.0528, 0.4557, 0.3269



50.6891, 0.2478, 0.3317

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.



23.0528, 0.1751, 0.2426



23.0528, 0.4557, 0.3269



23.0528, 0.2300, 0.3916

Square

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



23.0528, 0.4557, 0.3269



23.0528, 0.3751, 0.4761



23.0528, 0.1871, 0.3053



23.0528, 0.2384, 0.2102

Rectangle

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



23.0528, 0.4557, 0.3269



23.0528, 0.4544, 0.4237



23.0528, 0.1871, 0.3053



23.0528, 0.1835, 0.2190

Sweetspot

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



23.0540, 0.4557, 0.3269



75.7921, 0.3404, 0.3283



26.0104, 0.3146, 0.2056



15.5820, 0.3451, 0.3282



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.



23.0540, 0.4557, 0.3269



31.2374, 0.5039, 0.3268



35.3969, 0.4224, 0.3911



11.2171, 0.3287, 0.3286



8.0870, 0.6378, 0.3287



0.4185, 0.6298, 0.3243

Inverse Universe

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



23.0540, 0.4557, 0.3269



31.2374, 0.5039, 0.3268



30.8959, 0.2322, 0.2547



11.2171, 0.3287, 0.3286



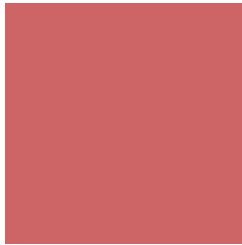
8.0870, 0.6378, 0.3287



0.4185, 0.6298, 0.3243

Previews

White Background



This preview shows how the Yxy color 23.0528, 0.4557, 0.3269 looks on a white background.

Color Contrast Check

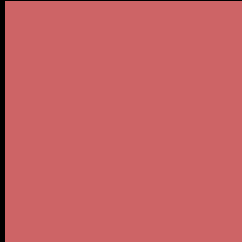
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0528, 0.4557, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

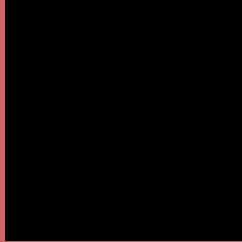
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.0528, 0.4557, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 23.0528, 0.4557, 0.3269.



This preview shows how white text looks on a background with the Yxy color 23.0528, 0.4557, 0.3269.

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

23.0528, 0.4557, 0.3269

Protanopia

23.1902, 0.3361, 0.3552

Deuteranopia

23.2099, 0.3852, 0.3780



Tritanopia

22.9434, 0.4506, 0.3207

Trichromacy



Original Color

23.0528, 0.4557, 0.3269

Protanomaly

22.2842, 0.3766, 0.3420

Deuteranomaly

22.6221, 0.4106, 0.3563

Tritanomaly

22.9227, 0.4521, 0.3219

Monochromacy



Original Color

23.0528, 0.4557, 0.3269

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.1843, 0.3612, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0528, 0.4557, 0.3269 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(205, 100, 102)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 100, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 100, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.0528, 0.4557, 0.3269 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(205, 100, 102) }
```

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

```
.border{ border-color:rgb(205, 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(205, 100, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 100, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 100, 102);  
box-shadow:4px 4px 4px 4px rgb(205, 100,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0528, 0.4557, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 100, 102) }
```

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

```
.background{ background-color: rgb(205,  
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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