

Converting Colors

$Y_{xy}(24.5937, 0.3800, 0.2521)$

Have a look what the booklet for
Yxy(24.5937, 0.3800, 0.2521)
contains.

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Color

Yxy(24.6054, 0.3796, 0.2517)

Conversions

Conversions Part 1

Format	Color
Hex	D260A0
RGB	210, 96, 160
RGB Percent	82%, 38%, 63%
CMY	0.1764, 0.6235, 0.3726
CMYK	0.00, 0.54, 0.24, 0.18
HSL	326°, 56%, 60%
HSV	326°, 54%, 82%
XYZ	37.1085, 24.6054, 36.0430
YIQ	137.3820, 47.4000, 44.0720

Conversions

Conversions Part 2

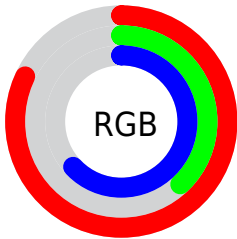
Format	Color
R _Y B	210, 96, 160
Decimal	13787296
CIE Lab	56.69, 52.12, -13.03
CIE LCh	57, 53.728, 345.970
Yxy	24.6054, 0.3796, 0.2517
Android (android.graphics.Color)	4291977376 (0xFFD260A0)
YUV	137.3820, 11.1507, 63.6860
Hunter-Lab	49.6038, 46.7287, -8.3584

Details

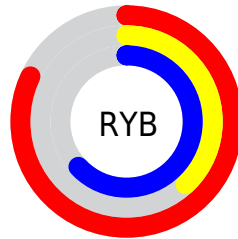
The Yxy color **24.6054, 0.3796, 0.2517** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **50.6642, 0.2779, 0.4258**, and the grayscale version is **25.1117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.2995, 0.3527, 0.2638**, and **9.4409, 0.4037, 0.2291** is the 20% darker color. If you saturate the color by 10%, you get **20.9623, 0.3983, 0.2409**, and if you desaturate by 10%, it is **29.2982, 0.3628, 0.2649**.

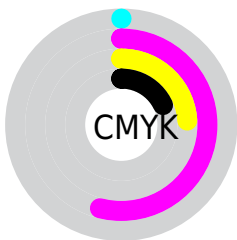
Distribution



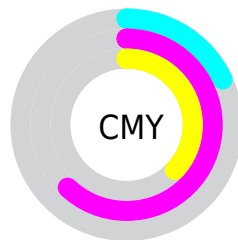
- Red (82%)
- Green (38%)
- Blue (63%)



- Red (82%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (18%)




- Cyan (18%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6054, 0.3796, 0.2517 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 24.6054, 0.3796, 0.2517 by changing the saturation by 10% instead.


 24.6054, 0.3796,
0.2517


 24.6054, 0.3796,
0.2517


275.8671, 0.3440,
0.2919


 15.7833, 0.3892,
0.2412


 51.0163, 0.3661,
0.2666


 9.3709, 0.4020,
0.2276


 69.3740, 0.3612,
0.2721

 4.9839, 0.4199,
0.2090


 91.6789, 0.3571,
0.2768

 2.2378, 0.4463,
0.1826

 118.3156, 0.3537,
0.2807

 0.7405, 0.4897,
0.1415

149.6683, 0.3507,
0.2841

 0.0000, 0.6443,
0.0000

186.1215, 0.3482,

 0.0000, 0.0000,

0.2870

0.0000

228.0597, 0.3460,
0.2896

■ 24.6054, 0.3796,
0.2517

■ 24.6054, 0.3796,
0.2517

■ 20.9623, 0.3983,
0.2409

■ 29.2982, 0.3628,
0.2649

■ 18.2813, 0.4185,
0.2336

■ 35.1120, 0.3481,
0.2794

■ 16.4664, 0.4394,
0.2311

■ 42.1157, 0.3356,
0.2943

■ 15.3998, 0.4601,
0.2339

■ 50.3720, 0.3249,
0.3090

■ 15.0087, 0.4717,
0.2372

■ 59.9388, 0.3161,
0.3232

70.8706, 0.3087,
0.3365

83.2187, 0.3025,
0.3489

91.1479, 0.2974,
0.3513

91.6906, 0.2924,
0.3415

Harmonies

Analogous

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



24.6054, 0.2849, 0.2115



24.6054, 0.3796, 0.2517



24.6054, 0.4623, 0.3077

Triad

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



24.6054, 0.3796, 0.2517



24.6054, 0.4024, 0.4894



24.6054, 0.1589, 0.2447

Complementary

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



24.6054, 0.3796, 0.2517



50.6642, 0.2779, 0.4258

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.



24.6054, 0.1800, 0.3252



24.6054, 0.3796, 0.2517



24.6054, 0.3175, 0.4957

Square

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



24.6054, 0.3796, 0.2517



24.6054, 0.4688, 0.4365



24.6054, 0.2359, 0.4284



24.6054, 0.1698, 0.2029

Rectangle

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



24.6054, 0.3796, 0.2517



24.6054, 0.4908, 0.3497



24.6054, 0.2359, 0.4284



24.6054, 0.1622, 0.2672

Sweetspot

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



24.6066, 0.3796, 0.2517



75.5745, 0.3268, 0.3063



19.0757, 0.2509, 0.1736



15.5871, 0.3289, 0.3032



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.



24.6066, 0.3796, 0.2517



31.8349, 0.4012, 0.2396



23.0605, 0.4618, 0.3203



11.9178, 0.3204, 0.3160



9.1740, 0.4689, 0.2356



0.5288, 0.4344, 0.2167

Inverse Universe

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



24.6066, 0.3796, 0.2517



31.8349, 0.4012, 0.2396



52.8719, 0.2477, 0.3394



11.9178, 0.3204, 0.3160



9.1740, 0.4689, 0.2356



0.5288, 0.4344, 0.2167

Previews

White Background



This preview shows how the Yxy color 24.6054, 0.3796, 0.2517 looks on a white background.

Color Contrast Check

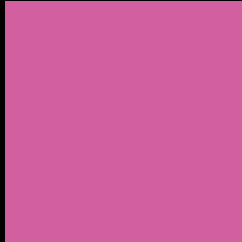
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6054, 0.3796, 0.2517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

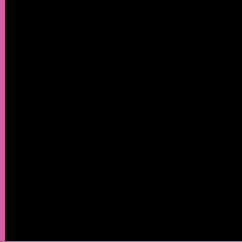
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6054, 0.3796, 0.2517

Background



This preview shows how black text looks on a background with the Yxy color 24.6054, 0.3796, 0.2517.



This preview shows how white text looks on a background with the Yxy color 24.6054, 0.3796, 0.2517.

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

24.6054, 0.3796, 0.2517

Protanopia

24.9807, 0.2527, 0.2474

Deuteranopia

24.7709, 0.3001, 0.2949



Tritanopia

24.6448, 0.4359, 0.3193

Trichromacy



Original Color

24.6054, 0.3796, 0.2517



Protanomaly

23.6214, 0.2901, 0.2455



Deuteranomaly

23.9402, 0.3271, 0.2753



Tritanomaly

24.4068, 0.4149, 0.2928

Monochromacy



Original Color

24.6054, 0.3796, 0.2517



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

23.8559, 0.3373, 0.2938

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6054, 0.3796, 0.2517 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(210, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(210, 96, 160)  
}
```

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(210, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 96, 160) }
```

Border

The CSS property to change the border of an element to Yxy 24.6054, 0.3796, 0.2517 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(210, 96, 160) }
```

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

```
.border{ border-color:rgb(210, 96, 160) }
```

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

Here you see how a box with a 4 pixel rgb(210, 96, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 96, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 96, 160);  
box-shadow:4px 4px 4px 4px rgb(210, 96,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6054, 0.3796, 0.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 96, 160) }
```

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

```
.background{ background-color: rgb(210, 96,  
160) }
```

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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