

Converting Colors

$Y_{xy}(25.3007, 0.3641, 0.3396)$

Have a look what the booklet for
Yxy(25.3007, 0.3641, 0.3396)
contains.

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Color

Yxy(25.2376, 0.3641, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	A6817B
RGB	166, 129, 123
RGB Percent	65%, 51%, 48%
CMY	0.3491, 0.4941, 0.5177
CMYK	0.00, 0.22, 0.26, 0.35
HSL	8°, 19%, 57%
HSV	8°, 26%, 65%
XYZ	27.1463, 25.2376, 22.1733
YIQ	139.3790, 23.9780, 5.9780

Conversions

Conversions Part 2

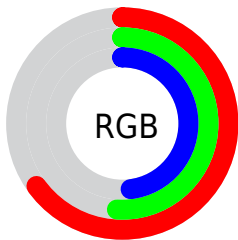
Format	Color
R_{YB}	166, 130, 123
Decimal	10912123
CIE _{Lab}	57.31, 13.30, 8.72
CIE _{LCh}	57, 15.907, 33.258
Yxy	25.2376, 0.3641, 0.3385
Android (android.graphics.Color)	4289102203 (0xFFA6817B)
YUV	139.3790, -8.0748, 23.3466
Hunter-Lab	50.2370, 8.5401, 8.9969

Details

The Yxy color $25.2376, 0.3641, 0.3385$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.0824, 0.2747, 0.3193$, and the grayscale version is $25.9969, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0806, 0.3536, 0.3373$, and $9.7424, 0.3838, 0.3425$ is the 20% darker color. If you saturate the color by 10%, you get $21.3572, 0.3919, 0.3424$, and if you desaturate by 10%, it is $29.7157, 0.3411, 0.3347$.

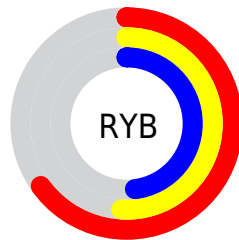
Distribution



Red (65%)

Green (51%)

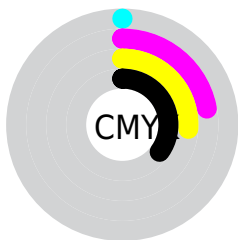
Blue (48%)



Red (65%)

Yellow (51%)

Blue (48%)

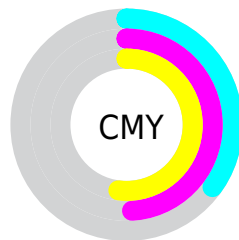


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2376, 0.3641, 0.3385 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 25.2376, 0.3641, 0.3385 by changing the saturation by 10% instead.


 25.2376, 0.3641,
0.3385


 25.2376, 0.3641,
0.3385


279.0191, 0.3356,
0.3338


 16.2542, 0.3723,
0.3396


 52.0424, 0.3529,
0.3368

 9.7042, 0.3837,
0.3410


 70.6326, 0.3490,
0.3362

 5.2033, 0.4004,
0.3426

 93.1938, 0.3458,
0.3356

 2.3670, 0.4270,
0.3443

120.1104, 0.3431,
0.3351

 0.8088, 0.5090,
0.3678

151.7669, 0.3408,
0.3347

 0.0000, 1.0000,
0.0000


188.5476, 0.3388,


 0.0000, 0.0000,


0.3344


0.0000


230.8369, 0.3371,
0.3340


 25.2376, 0.3641,
0.3385


 25.2376, 0.3641,
0.3385


 21.3572, 0.3919,
0.3424


 29.7157, 0.3411,
0.3347


 18.0458, 0.4250,
0.3461

 34.8117, 0.3222,
0.3310


 15.2776, 0.4632,
0.3491


 40.5491, 0.3067,
0.3277

 13.0233, 0.5053,
0.3508


 46.9491, 0.2940,
0.3246


 11.2512, 0.5483,
0.3505


 54.0321, 0.2834,
0.3218


 9.9255, 0.5870,
0.3477


 61.8174, 0.2747,
0.3192

 9.0049, 0.6163,
0.3426

 70.3237, 0.2673,
0.3170

 8.7289, 0.6262,
0.3410

 79.5199, 0.2615,
0.3157

 86.8442, 0.2633,
0.3289

Harmonies

Analogous

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



25.2376, 0.3477, 0.3158



25.2376, 0.3641, 0.3385



25.2376, 0.3659, 0.3600

Triad

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



25.2376, 0.3641, 0.3385



25.2376, 0.3019, 0.3647



25.2376, 0.2730, 0.2848

Complementary

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



25.2376, 0.3641, 0.3385



32.0824, 0.2747, 0.3193

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.



25.2376, 0.2621, 0.2953



25.2376, 0.3641, 0.3385



25.2376, 0.2782, 0.3417

Square

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



25.2376, 0.3641, 0.3385



25.2376, 0.3293, 0.3768



25.2376, 0.2639, 0.3159



25.2376, 0.2946, 0.2856

Rectangle

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



25.2376, 0.3641, 0.3385



25.2376, 0.3587, 0.3708



25.2376, 0.2639, 0.3159



25.2376, 0.2680, 0.2870

Sweetspot

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



25.2388, 0.3641, 0.3385



61.0239, 0.3262, 0.3318



24.8122, 0.3219, 0.2739



13.3448, 0.3288, 0.3323



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.2388, 0.3641, 0.3385



41.6938, 0.3792, 0.3407



31.4136, 0.3563, 0.3702



7.7059, 0.3282, 0.3322



6.8142, 0.6251, 0.3419



0.2151, 0.5780, 0.3793

Inverse Universe

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



32.0824, 0.2747, 0.3193



56.2189, 0.2670, 0.3169



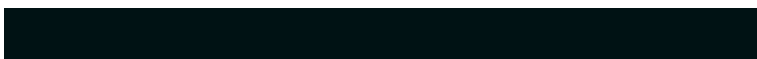
25.3536, 0.2715, 0.2840



8.3499, 0.2987, 0.3257



17.3497, 0.2124, 0.2847



0.4697, 0.2169, 0.3007

Previews

White Background



This preview shows how the Yxy color 25.2376, 0.3641, 0.3385 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 25.2376, 0.3641, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

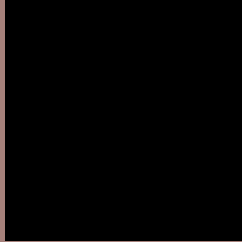
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2376, 0.3641, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 25.2376, 0.3641, 0.3385.



This preview shows how white text looks on a background with the Yxy color 25.2376, 0.3641, 0.3385.

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

25.2376, 0.3641, 0.3385

Protanopia

25.2633, 0.3300, 0.3458

Deuteranopia

25.3483, 0.3530, 0.3468



Tritanopia

25.3097, 0.3504, 0.3139

Trichromacy



Original Color

25.2376, 0.3641, 0.3385

Protanomaly

25.1359, 0.3411, 0.3422

Deuteranomaly

25.3813, 0.3570, 0.3450

Tritanomaly

25.3198, 0.3549, 0.3230

Monochromacy



Original Color

25.2376, 0.3641, 0.3385

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.4110, 0.3308, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2376, 0.3641, 0.3385 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(166, 129, 123)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 123)  
}
```

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(166, 129, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.2376, 0.3641, 0.3385 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(166, 129, 123) }
```

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

```
.border{ border-color:rgb(166, 129, 123) }
```

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

Here you see how a box with a 4 pixel rgb(166, 129, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 123);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2376, 0.3641, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 123) }
```

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

```
.background{ background-color: rgb(166,  
129, 123) }
```

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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