

Converting Colors

$Y_{xy}(25.5802, 0.3585, 0.3431)$

Have a look what the booklet for
Yxy(25.5802, 0.3585, 0.3431)
contains.

Yxy(25.6140, 0.3582, 0.3433)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6140, 0.3582, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	A2847B
RGB	162, 132, 123
RGB Percent	64%, 52%, 48%
CMY	0.3647, 0.4823, 0.5177
CMYK	0.00, 0.19, 0.24, 0.36
HSL	14°, 17%, 56%
HSV	14°, 24%, 64%
XYZ	26.7257, 25.6140, 22.2714
YIQ	139.9440, 20.7690, 3.5610

Conversions

Conversions Part 2

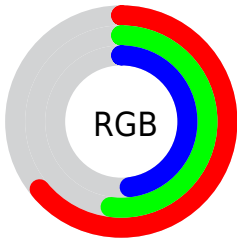
Format	Color
R_{YB}	162, 135, 123
Decimal	10650747
CIE _{Lab}	57.67, 10.03, 9.18
CIE _{LCh}	58, 13.593, 42.455
Yxy	25.6140, 0.3582, 0.3433
Android (android.graphics.Color)	4288840827 (0xFFA2847B)
YUV	139.9440, -8.3534, 19.3431
Hunter-Lab	50.6103, 5.6923, 9.3362

Details

The Yxy color $25.6140, 0.3582, 0.3433$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $29.5956, 0.2769, 0.3142$, and the grayscale version is $26.2299, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.5448, 0.3485, 0.3409$, and $9.9959, 0.3763, 0.3496$ is the 20% darker color. If you saturate the color by 10%, you get $22.0633, 0.3836, 0.3496$, and if you desaturate by 10%, it is $29.6376, 0.3369, 0.3371$.

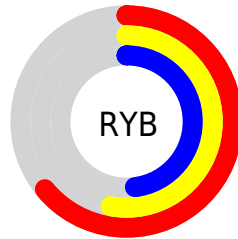
Distribution



Red (64%)

Green (52%)

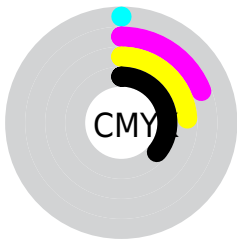
Blue (48%)



Red (64%)

Yellow (53%)

Blue (48%)

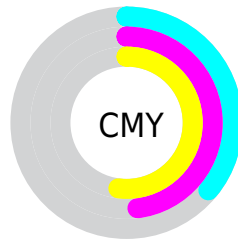


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (36%)



Cyan (36%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6140, 0.3582, 0.3433 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 25.6140, 0.3582, 0.3433 by changing the saturation by 10% instead.


 25.6140, 0.3582,
0.3433


 25.6140, 0.3582,
0.3433


280.8821, 0.3330,
0.3358


 16.5351, 0.3654,
0.3452


 52.6516, 0.3484,
0.3405

 9.9036, 0.3754,
0.3478


 71.3790, 0.3449,
0.3395

 5.3351, 0.3900,
0.3511

 94.0915, 0.3420,
0.3386

 2.4452, 0.4131,
0.3557

121.1733, 0.3396,
0.3379

 0.8490, 0.4859,
0.3856

153.0088, 0.3376,
0.3373

 0.0000, 0.0000,
0.0000

189.9826, 0.3359,

0.3367

232.4788, 0.3343,
0.3363

■ 25.6140, 0.3582,
0.3433

■ 25.6140, 0.3582,
0.3433

■ 22.0633, 0.3836,
0.3496

■ 29.6376, 0.3369,
0.3371

■ 18.9645, 0.4134,
0.3558

■ 34.1470, 0.3191,
0.3313

■ 16.3003, 0.4477,
0.3611

■ 39.1591, 0.3042,
0.3258

■ 14.0508, 0.4856,
0.3649

■ 44.6890, 0.2918,
0.3209

■ 12.1945, 0.5251,
0.3661

■ 50.7509, 0.2814,
0.3163

■ 10.7079, 0.5628,
0.3639

■ 57.3587, 0.2727,
0.3122

■ 9.5648, 0.5942,
0.3578

■ 64.5257, 0.2652,
0.3085

■ 9.0316, 0.6101,
0.3538

■ 72.2646, 0.2589,
0.3051

■ 79.6677, 0.2597,
0.3167

Harmonies

Analogous

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



25.6140, 0.3478, 0.3236



25.6140, 0.3582, 0.3433



25.6140, 0.3558, 0.3602

Triad

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



25.6140, 0.3582, 0.3433



25.6140, 0.2968, 0.3539



25.6140, 0.2837, 0.2903

Complementary

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



25.6140, 0.3582, 0.3433



29.5956, 0.2769, 0.3142

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.



25.6140, 0.2711, 0.2966



25.6140, 0.3582, 0.3433



25.6140, 0.2785, 0.3331

Square

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



25.6140, 0.3582, 0.3433



25.6140, 0.3199, 0.3675



25.6140, 0.2693, 0.3120



25.6140, 0.3042, 0.2939

Rectangle

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



25.6140, 0.3582, 0.3433



25.6140, 0.3474, 0.3675



25.6140, 0.2693, 0.3120



25.6140, 0.2784, 0.2913

Sweetspot

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



25.6152, 0.3582, 0.3433



59.3971, 0.3242, 0.3330



24.1630, 0.3248, 0.2826



13.2368, 0.3251, 0.3333



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.6152, 0.3582, 0.3433



42.8705, 0.3716, 0.3468



31.2265, 0.3517, 0.3719



7.3393, 0.3279, 0.3343



7.1724, 0.6086, 0.3549



0.2167, 0.5451, 0.4054

Inverse Universe

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



29.5956, 0.2769, 0.3142



51.3896, 0.2690, 0.3104



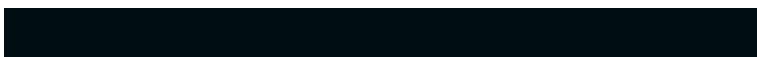
23.8811, 0.2742, 0.2821



7.7324, 0.2988, 0.3237



13.5902, 0.2039, 0.2541



0.3499, 0.2123, 0.2843

Previews

White Background



This preview shows how the Yxy color 25.6140, 0.3582, 0.3433 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 25.6140, 0.3582, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

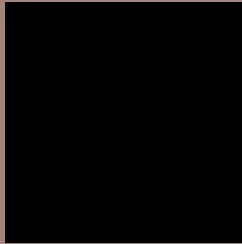
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6140, 0.3582, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 25.6140, 0.3582, 0.3433.



This preview shows how white text looks on a background with the Yxy color 25.6140, 0.3582, 0.3433.

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

25.6140, 0.3582, 0.3433

Protanopia

25.6126, 0.3320, 0.3491

Deuteranopia

25.7494, 0.3527, 0.3467



Tritanopia

25.7512, 0.3414, 0.3137

Trichromacy



Original Color

25.6140, 0.3582, 0.3433

Protanomaly

25.6683, 0.3416, 0.3471

Deuteranomaly

25.5760, 0.3543, 0.3450

Tritanomaly

25.7404, 0.3469, 0.3244

Monochromacy



Original Color

25.6140, 0.3582, 0.3433

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9085, 0.3282, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6140, 0.3582, 0.3433 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(162, 132, 123)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 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(162, 132, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 123) }
```

Border

The CSS property to change the border of an element to Yxy 25.6140, 0.3582, 0.3433 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(162, 132, 123) }
```

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

```
.border{ border-color:rgb(162, 132, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 123);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6140, 0.3582, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 123) }
```

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

```
.background{ background-color: rgb(162,  
132, 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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