

Converting Colors

$Y_{xy}(25.8508, 0.3756, 0.3205)$

Have a look what the booklet for
Yxy(25.8508, 0.3756, 0.3205)
contains.

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Color

Yxy(25.8508, 0.3756, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	B57C82
RGB	181, 124, 130
RGB Percent	71%, 49%, 51%
CMY	0.2901, 0.5137, 0.4902
CMYK	0.00, 0.31, 0.28, 0.29
HSL	354°, 28%, 60%
HSV	354°, 31%, 71%
XYZ	30.2950, 25.8508, 24.5119
YIQ	141.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

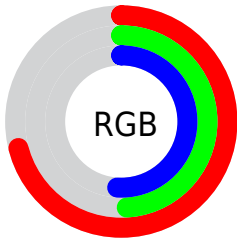
Format	Color
R_{YB}	181, 124, 130
Decimal	11893890
CIE _{Lab}	57.90, 23.03, 5.74
CIE _{LCh}	58, 23.736, 13.993
Yxy	25.8508, 0.3756, 0.3205
Android (android.graphics.Color)	4290083970 (0xFFB57C82)
YUV	141.7270, -5.7814, 34.4424
Hunter-Lab	50.8437, 17.3822, 7.0067

Details

The Yxy color $25.8508, 0.3756, 0.3205$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.4333, 0.2722, 0.3379$, and the grayscale version is $26.9513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0403, 0.3619, 0.3225$, and $10.0037, 0.3997, 0.3152$ is the 20% darker color. If you saturate the color by 10%, you get $21.3227, 0.4058, 0.3178$, and if you desaturate by 10%, it is $31.2825, 0.3509, 0.3233$.

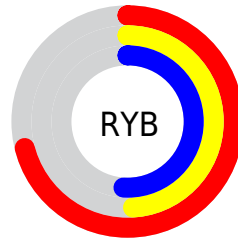
Distribution



Red (71%)

Green (49%)

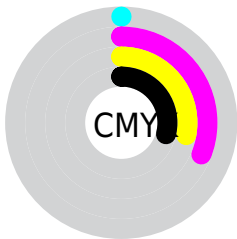
Blue (51%)



Red (71%)

Yellow (49%)

Blue (51%)

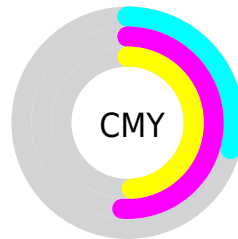


Cyan (0%)

Magenta (31%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8508, 0.3756, 0.3205 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 25.8508, 0.3756, 0.3205 by changing the saturation by 10% instead.


 25.8508, 0.3756,
0.3205

 25.8508, 0.3756,
0.3205


282.0489, 0.3408,
0.3257

 16.7121, 0.3856,
0.3188


 53.0342, 0.3621,
0.3227

 10.0294, 0.3992,
0.3163


 71.8475, 0.3573,
0.3234

 5.4185, 0.4191,
0.3124

 94.6546, 0.3533,
0.3240

 2.4948, 0.4505,
0.3055

121.8398, 0.3500,
0.3244

 0.8740, 0.5166,
0.2966

153.7874, 0.3472,
0.3248

 0.0000, 1.0000,
0.0000

190.8818, 0.3448,

 0.0000, 0.0000,

0.3252

0.0000


233.5075, 0.3427,
0.3255


 25.8508, 0.3756,
0.3205

 25.8508, 0.3756,
0.3205

 21.3227, 0.4058,
0.3178


 31.2825, 0.3509,
0.3233

 17.6458, 0.4420,
0.3155

 37.6594, 0.3309,
0.3261

 14.7678, 0.4835,
0.3141


 45.0247, 0.3148,
0.3286

 12.6293, 0.5279,
0.3141


 53.4179, 0.3019,
0.3310


 11.1624, 0.5709,
0.3159

 62.8766, 0.2914,
0.3332

 10.2869, 0.6062,
0.3197

 73.4362, 0.2828,
0.3351

 9.8724, 0.6275,
0.3230

 85.1306, 0.2758,
0.3369

 88.5652, 0.2706,
0.3289

Harmonies

Analogous

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



25.8508, 0.3405, 0.2911



25.8508, 0.3756, 0.3205



25.8508, 0.3928, 0.3533

Triad

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



25.8508, 0.3756, 0.3205



25.8508, 0.3219, 0.3972



25.8508, 0.2428, 0.2719

Complementary

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



25.8508, 0.3756, 0.3205



40.4333, 0.2722, 0.3379

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.



25.8508, 0.2388, 0.2964



25.8508, 0.3756, 0.3205



25.8508, 0.2827, 0.3717

Square

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



25.8508, 0.3756, 0.3205



25.8508, 0.3602, 0.4002



25.8508, 0.2528, 0.3332



25.8508, 0.2642, 0.2635

Rectangle

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



25.8508, 0.3756, 0.3205



25.8508, 0.3913, 0.3738



25.8508, 0.2528, 0.3332



25.8508, 0.2395, 0.2783

Sweetspot

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



25.8520, 0.3756, 0.3205



70.3703, 0.3268, 0.3267



26.7919, 0.3091, 0.2503



14.8190, 0.3293, 0.3263



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.8520, 0.3756, 0.3205



40.3444, 0.3966, 0.3186



31.7933, 0.3736, 0.3604



8.5193, 0.3271, 0.3266



6.8100, 0.6255, 0.3219



0.2190, 0.5755, 0.2944

Inverse Universe

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



25.8520, 0.3756, 0.3205



40.3444, 0.3966, 0.3186



32.4721, 0.2643, 0.2952



8.5193, 0.3271, 0.3266



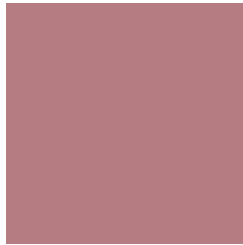
6.8100, 0.6255, 0.3219



0.2190, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 25.8508, 0.3756, 0.3205 looks on a white background.

Color Contrast Check

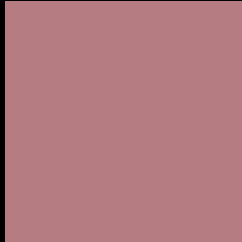
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8508, 0.3756, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

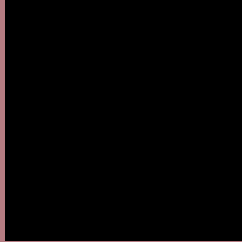
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8508, 0.3756, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 25.8508, 0.3756, 0.3205.



This preview shows how white text looks on a background with the Yxy color 25.8508, 0.3756, 0.3205.

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

25.8508, 0.3756, 0.3205

Protanopia

26.0510, 0.3170, 0.3307

Deuteranopia

26.0546, 0.3456, 0.3402



Tritanopia

25.9325, 0.3718, 0.3162

Trichromacy



Original Color

25.8508, 0.3756, 0.3205

Protanomaly

25.8674, 0.3369, 0.3275

Deuteranomaly

25.9246, 0.3563, 0.3322

Tritanomaly

25.9050, 0.3731, 0.3176

Monochromacy



Original Color

25.8508, 0.3756, 0.3205

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2308, 0.3334, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8508, 0.3756, 0.3205 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(181, 124, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 124, 130)  
}
```

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(181, 124, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 124, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.8508, 0.3756, 0.3205 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(181, 124, 130) }
```

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

```
.border{ border-color:rgb(181, 124, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 124, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 124, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 124, 130); box-shadow:4px 4px 4px 4px rgb(181, 124, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8508, 0.3756, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 124, 130) }
```

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

```
.background{ background-color: rgb(181,  
124, 130) }
```

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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