

Converting Colors

$Y_{xy}(23.1878, 0.3663, 0.2866)$

Have a look what the booklet for
Yxy(23.1878, 0.3663, 0.2866)
contains.

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Color

Yxy(23.1157, 0.3658, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	B56F8D
RGB	181, 111, 141
RGB Percent	71%, 44%, 55%
CMY	0.2903, 0.5646, 0.4470
CMYK	0.00, 0.39, 0.22, 0.29
HSL	334°, 32%, 57%
HSV	334°, 39%, 71%
XYZ	29.5448, 23.1157, 28.1071
YIQ	135.3500, 32.0900, 24.1700

Conversions

Conversions Part 2

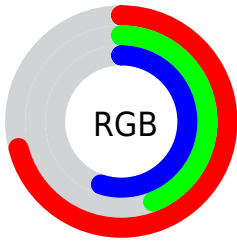
Format	Color
R_{YB}	181, 111, 141
Decimal	11890573
CIE _{Lab}	55.19, 31.84, -4.60
CIE _{LCh}	55, 32.173, 351.777
Yxy	23.1157, 0.3658, 0.2862
Android (android.graphics.Color)	4290080653 (0xFFB56F8D)
YUV	135.3500, 2.7855, 40.0351
Hunter-Lab	48.0788, 25.5518, -1.0061

Details

The Yxy color $23.1157, 0.3658, 0.2862$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $38.6532, 0.2795, 0.3770$, and the grayscale version is $24.3468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.6682, 0.3539, 0.2950$, and $8.5284, 0.3849, 0.2700$ is the 20% darker color. If you saturate the color by 10%, you get $19.2652, 0.3865, 0.2754$, and if you desaturate by 10%, it is $27.7973, 0.3483, 0.2976$.

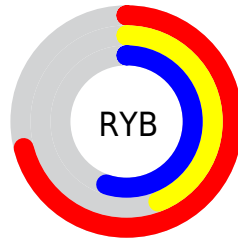
Distribution



Red (71%)

Green (44%)

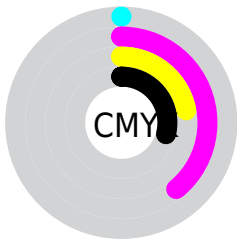
Blue (55%)



Red (71%)

Yellow (44%)

Blue (55%)

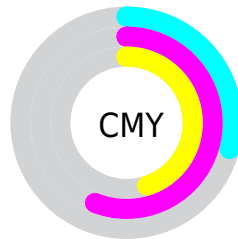


Cyan (0%)

Magenta (39%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1157, 0.3658, 0.2862 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 23.1157, 0.3658, 0.2862 by changing the saturation by 10% instead.


 23.1157, 0.3658,
0.2862


 23.1157, 0.3658,
0.2862


268.3187, 0.3365,
0.3095


 14.6790, 0.3742,
0.2797

 48.5832, 0.3544,
0.2952


 8.5944, 0.3857,
0.2708


 66.3828, 0.3504,
0.2984

 4.4776, 0.4025,
0.2582

 88.0722, 0.3470,
0.3010

 1.9441, 0.4291,
0.2386

 114.0356, 0.3442,
0.3033

 0.5747, 0.4829,
0.1952

144.6576, 0.3419,
0.3052

 0.0000, 1.0000,
0.0000

180.3225, 0.3398,

 0.0000, 0.0000,

0.3068

0.0000

221.4148, 0.3381,
0.3082

■ 23.1157, 0.3658,
0.2862

■ 23.1157, 0.3658,
0.2862

■ 19.2652, 0.3865,
0.2754

■ 27.7973, 0.3483,
0.2976

■ 16.1930, 0.4103,
0.2661

■ 33.3519, 0.3336,
0.3090

■ 13.8456, 0.4370,
0.2595


■ 39.8226, 0.3215,
0.3200


■ 12.1610, 0.4655,
0.2568

■ 47.2488, 0.3115,
0.3304


■ 11.0668, 0.4944,
0.2590

■ 55.6673, 0.3032,
0.3400

 10.4380, 0.5219,
0.2659

 65.1131, 0.2965,
0.3489

 10.3652, 0.5256,
0.2669

 75.6195, 0.2909,
0.3571

 86.7079, 0.2862,
0.3637

 87.2852, 0.2809,
0.3519

Harmonies

Analogous

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



23.1157, 0.3079, 0.2555



23.1157, 0.3658, 0.2862



23.1157, 0.4109, 0.3271

Triad

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



23.1157, 0.3658, 0.2862



23.1157, 0.3644, 0.4319



23.1157, 0.2108, 0.2712

Complementary

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



23.1157, 0.3658, 0.2862



38.6532, 0.2795, 0.3770

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.



23.1157, 0.2228, 0.3187



23.1157, 0.3658, 0.2862



23.1157, 0.3093, 0.4211

Square

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



23.1157, 0.3658, 0.2862



23.1157, 0.4080, 0.4105



23.1157, 0.2577, 0.3766



23.1157, 0.2224, 0.2449

Rectangle

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



23.1157, 0.3658, 0.2862



23.1157, 0.4249, 0.3567



23.1157, 0.2577, 0.3766



23.1157, 0.2122, 0.2850

Sweetspot

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



23.1168, 0.3658, 0.2862



67.0419, 0.3255, 0.3161



21.2546, 0.2832, 0.2252



14.1674, 0.3270, 0.3148



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.



23.1168, 0.3658, 0.2862



35.7065, 0.3823, 0.2774



23.3863, 0.4042, 0.3361



8.5637, 0.3222, 0.3193



7.1609, 0.5225, 0.2652



0.2371, 0.4526, 0.2267

Inverse Universe

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



23.1168, 0.3658, 0.2862



35.7065, 0.3823, 0.2774



37.8897, 0.2588, 0.3217



8.5637, 0.3222, 0.3193



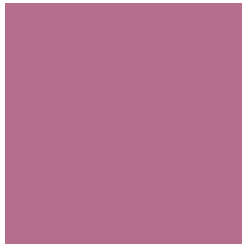
7.1609, 0.5225, 0.2652



0.2371, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 23.1157, 0.3658, 0.2862 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 23.1157, 0.3658, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

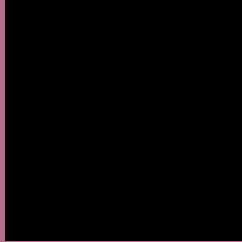
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1157, 0.3658, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 23.1157, 0.3658, 0.2862.



This preview shows how white text looks on a background with the Yxy color 23.1157, 0.3658, 0.2862.

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

23.1157, 0.3658, 0.2862

Protanopia

23.1549, 0.2862, 0.2900

Deuteranopia

23.3751, 0.3192, 0.3140



Tritanopia

23.0484, 0.3864, 0.3160

Trichromacy



Original Color

23.1157, 0.3658, 0.2862

Protanomaly

22.7883, 0.3123, 0.2885

Deuteranomaly

22.9512, 0.3359, 0.3020

Tritanomaly

23.1253, 0.3786, 0.3045

Monochromacy



Original Color

23.1157, 0.3658, 0.2862

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.4033, 0.3315, 0.3112

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1157, 0.3658, 0.2862 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, 111, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 111, 141)  
}
```

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, 111, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 111, 141) }
```

Border

The CSS property to change the border of an element to Yxy 23.1157, 0.3658, 0.2862 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, 111, 141) }
```

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

```
.border{ border-color:rgb(181, 111, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 111, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 111, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 111, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 111,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1157, 0.3658, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 111, 141) }
```

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

```
.background{ background-color: rgb(181,  
111, 141) }
```

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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