

Converting Colors

$Y_{xy}(24.0895, 0.3592, 0.2855)$

Have a look what the booklet for
Yxy(24.0895, 0.3592, 0.2855)
contains.

Yxy(24.1296, 0.3595, 0.2863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.1296, 0.3595, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	B57391
RGB	181, 115, 145
RGB Percent	71%, 45%, 57%
CMY	0.2902, 0.5490, 0.4313
CMYK	0.00, 0.36, 0.20, 0.29
HSL	333°, 31%, 58%
HSV	333°, 36%, 71%
XYZ	30.2990, 24.1296, 29.8523
YIQ	138.1540, 29.7060, 23.3220

Conversions

Conversions Part 2

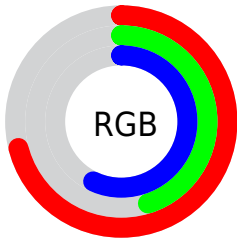
Format	Color
R_{YB}	181, 115, 145
Decimal	11891601
CIE _{Lab}	56.22, 30.28, -5.42
CIE _{LCh}	56, 30.758, 349.860
Yxy	24.1296, 0.3595, 0.2863
Android (android.graphics.Color)	4290081681 (0xFFB57391)
YUV	138.1540, 3.3751, 37.5759
Hunter-Lab	49.1219, 24.1376, -1.6463

Details

The Yxy color $24.1296, 0.3595, 0.2863$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $38.9289, 0.2823, 0.3766$, and the grayscale version is $25.4567, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3059, 0.3494, 0.2951$, and $9.1188, 0.3766, 0.2702$ is the 20% darker color. If you saturate the color by 10%, you get $20.1086, 0.3785, 0.2747$, and if you desaturate by 10%, it is $28.9898, 0.3434, 0.2984$.

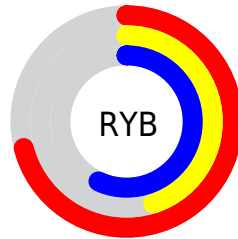
Distribution



Red (71%)

Green (45%)

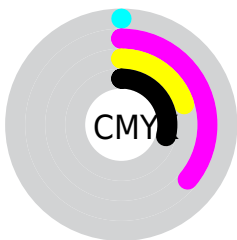
Blue (57%)



Red (71%)

Yellow (45%)

Blue (57%)

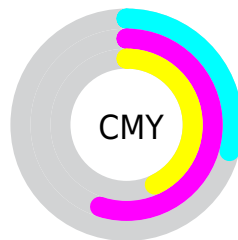


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1296, 0.3595, 0.2863 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 24.1296, 0.3595, 0.2863 by changing the saturation by 10% instead.


 24.1296, 0.3595,
0.2863


 24.1296, 0.3595,
0.2863


273.4750, 0.3339,
0.3093


 15.4298, 0.3667,
0.2799


 50.2416, 0.3496,
0.2951


 9.1216, 0.3766,
0.2713


 68.4226, 0.3461,
0.2983

 4.8206, 0.3909,
0.2592

 90.5327, 0.3432,
0.3009

 2.1424, 0.4132,
0.2406

 116.9565, 0.3407,
0.3031

 0.6883, 0.4547,
0.2056

148.0782, 0.3386,
0.3050

 0.0000, 1.0000,
0.0000

184.2822, 0.3368,

 0.0000, 0.0000,

0.3067

0.0000

225.9531, 0.3353,
0.3081

■ 24.1296, 0.3595,
0.2863

■ 24.1296, 0.3595,
0.2863

■ 20.1086, 0.3785,
0.2747

■ 28.9898, 0.3434,
0.2984

■ 16.8751, 0.4004,
0.2644

■ 34.7303, 0.3300,
0.3104

■ 14.3768, 0.4250,
0.2564


■ 41.3934, 0.3189,
0.3219

■ 12.5539, 0.4516,
0.2522


■ 49.0178, 0.3097,
0.3327

■ 11.3365, 0.4790,
0.2527

■ 57.6398, 0.3021,
0.3428

 10.6316, 0.5055,
0.2584

 67.2941, 0.2958,
0.3521

 10.4380, 0.5148,
0.2609

 78.0134, 0.2906,
0.3606

 86.7250, 0.2861,
0.3634

 87.2762, 0.2810,
0.3522

Harmonies

Analogous

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



24.1296, 0.3049, 0.2578



24.1296, 0.3595, 0.2863



24.1296, 0.4031, 0.3249

Triad

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



24.1296, 0.3595, 0.2863



24.1296, 0.3650, 0.4254



24.1296, 0.2161, 0.2770

Complementary

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



24.1296, 0.3595, 0.2863



38.9289, 0.2823, 0.3766

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.



24.1296, 0.2291, 0.3230



24.1296, 0.3595, 0.2863



24.1296, 0.3131, 0.4170

Square

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



24.1296, 0.3595, 0.2863



24.1296, 0.4048, 0.4044



24.1296, 0.2637, 0.3771



24.1296, 0.2258, 0.2504

Rectangle

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



24.1296, 0.3595, 0.2863



24.1296, 0.4178, 0.3530



24.1296, 0.2637, 0.3771



24.1296, 0.2179, 0.2905

Sweetspot

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



24.1307, 0.3595, 0.2863



68.2893, 0.3239, 0.3165



22.1015, 0.2829, 0.2308



14.4193, 0.3253, 0.3150



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.



24.1307, 0.3595, 0.2863



37.1546, 0.3750, 0.2766



23.8317, 0.3981, 0.3325



8.5674, 0.3218, 0.3187



7.2090, 0.5118, 0.2593



0.2386, 0.4453, 0.2227

Inverse Universe

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



24.1307, 0.3595, 0.2863



37.1546, 0.3750, 0.2766



39.1433, 0.2619, 0.3255



8.5674, 0.3218, 0.3187



7.2090, 0.5118, 0.2593



0.2386, 0.4453, 0.2227

Previews

White Background



This preview shows how the Yxy color 24.1296, 0.3595, 0.2863 looks on a white background.

Color Contrast Check

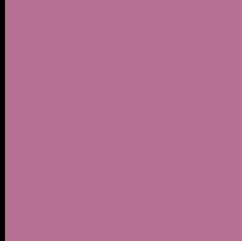
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1296, 0.3595, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

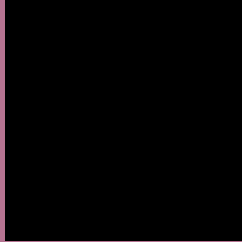
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1296, 0.3595, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 24.1296, 0.3595, 0.2863.



This preview shows how white text looks on a background with the Yxy color 24.1296, 0.3595, 0.2863.

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

24.1296, 0.3595, 0.2863

Protanopia

24.3098, 0.2867, 0.2908

Deuteranopia

24.2053, 0.3170, 0.3109



Tritanopia

24.0729, 0.3794, 0.3160

Trichromacy



Original Color

24.1296, 0.3595, 0.2863

Protanomaly

23.8682, 0.3101, 0.2876

Deuteranomaly

23.9195, 0.3319, 0.3008

Tritanomaly

24.1471, 0.3719, 0.3045

Monochromacy



Original Color

24.1296, 0.3595, 0.2863

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7584, 0.3286, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1296, 0.3595, 0.2863 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, 115, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 115, 145)  
}
```

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, 115, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 115, 145) }
```

Border

The CSS property to change the border of an element to Yxy 24.1296, 0.3595, 0.2863 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, 115, 145) }
```

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

```
.border{ border-color:rgb(181, 115, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 115, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 115, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 115, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 115,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1296, 0.3595, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 115, 145) }
```

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

```
.background{ background-color: rgb(181,  
115, 145) }
```

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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