

Converting Colors

$Y_{xy}(20.1282, 0.3642, 0.2902)$

Have a look what the booklet for
Yxy(20.1282, 0.3642, 0.2902)
contains.

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Color

Yxy(20.2716, 0.3643, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	A86A83
RGB	168, 106, 131
RGB Percent	66%, 42%, 51%
CMY	0.3413, 0.5842, 0.4863
CMYK	0.00, 0.37, 0.22, 0.34
HSL	336°, 26%, 54%
HSV	336°, 37%, 66%
XYZ	25.3953, 20.2716, 24.0429
YIQ	127.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

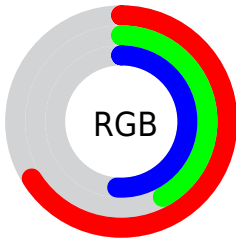
Format	Color
R _Y B	168, 106, 131
Decimal	11037315
CIE Lab	52.14, 28.32, -3.40
CIE LCh	52, 28.522, 353.159
Yxy	20.2716, 0.3643, 0.2908
Android (android.graphics.Color)	4289227395 (0xFFA86A83)
YUV	127.3880, 1.7807, 35.6167
Hunter-Lab	45.0240, 21.8889, -0.1442

Details

The Yxy color $20.2716, 0.3643, 0.2908$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.0463, 0.2798, 0.3713$, and the grayscale version is $21.3507, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.7617, 0.3525, 0.2988$, and $7.1129, 0.3837, 0.2749$ is the 20% darker color. If you saturate the color by 10%, you get $16.8834, 0.3852, 0.2805$, and if you desaturate by 10%, it is $24.3662, 0.3466, 0.3015$.

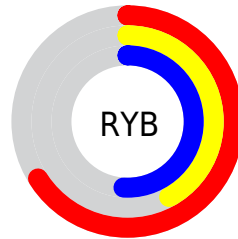
Distribution



Red (66%)

Green (42%)

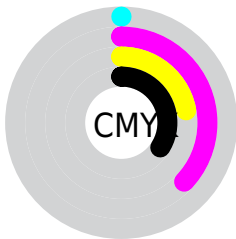
Blue (51%)



Red (66%)

Yellow (42%)

Blue (51%)

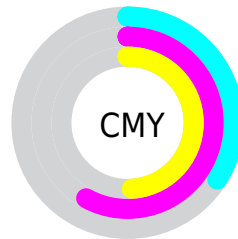


Cyan (0%)

Magenta (37%)

Yellow (22%)

Black (34%)



Cyan (34%)


Magenta (58%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.2716, 0.3643, 0.2908 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 20.2716, 0.3643, 0.2908 by changing the saturation by 10% instead.


 20.2716, 0.3643,
0.2908


 20.2716, 0.3643,
0.2908

253.3817, 0.3352,
0.3121


 12.5926, 0.3729,
0.2846


 43.8721, 0.3528,
0.2992

 7.1486, 0.3851,
0.2760


 60.5624, 0.3488,
0.3021

 3.5552, 0.4032,
0.2633

 81.0252, 0.3455,
0.3045

 1.4280, 0.4332,
0.2429

 105.6450, 0.3427,
0.3065

 0.2372, 0.5563,
0.1436

134.8062, 0.3404,
0.3082

 0.0000, 0.0000,
0.0000

168.8931, 0.3384,

0.3097

208.2901, 0.3367,
0.3110

■ 20.2716, 0.3643,
0.2908

■ 20.2716, 0.3643,
0.2908

■ 16.8834, 0.3852,
0.2805

■ 24.3662, 0.3466,
0.3015

■ 14.1582, 0.4096,
0.2715

■ 29.2017, 0.3320,
0.3121

■ 12.0523, 0.4370,
0.2649

■ 34.8134, 0.3198,
0.3223

■ 10.5154, 0.4666,
0.2617

■ 41.2340, 0.3098,
0.3319

■ 9.4892, 0.4969,
0.2633

■ 48.4939, 0.3016,
0.3408

■ 8.8887, 0.5260,
0.2697

■ 56.6222, 0.2948,
0.3490

■ 8.7363, 0.5349,
0.2720

■ 65.6463, 0.2892,
0.3565

■ 75.5928, 0.2846,
0.3634

■ 85.0759, 0.2806,
0.3673

Harmonies

Analogous

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



20.2716, 0.3109, 0.2613



20.2716, 0.3643, 0.2908



20.2716, 0.4049, 0.3296

Triad

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



20.2716, 0.3643, 0.2908



20.2716, 0.3589, 0.4244



20.2716, 0.2176, 0.2741

Complementary

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



20.2716, 0.3643, 0.2908



33.0463, 0.2798, 0.3713

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.



20.2716, 0.2280, 0.3175



20.2716, 0.3643, 0.2908



20.2716, 0.3075, 0.4124

Square

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



20.2716, 0.3643, 0.2908



20.2716, 0.4000, 0.4065



20.2716, 0.2599, 0.3706



20.2716, 0.2295, 0.2501

Rectangle

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



20.2716, 0.3643, 0.2908



20.2716, 0.4170, 0.3573



20.2716, 0.2599, 0.3706



20.2716, 0.2185, 0.2866

Sweetspot

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



20.2726, 0.3643, 0.2908



58.6191, 0.3248, 0.3180



18.9031, 0.2863, 0.2312



12.4908, 0.3263, 0.3167



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.



20.2726, 0.3643, 0.2908



31.8228, 0.3806, 0.2826



20.7719, 0.3970, 0.3373



7.5905, 0.3225, 0.3199



6.6087, 0.5324, 0.2706



0.1710, 0.4474, 0.2238

Inverse Universe

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



20.2726, 0.3643, 0.2908



31.8228, 0.3806, 0.2826



32.0206, 0.2609, 0.3204



7.5905, 0.3225, 0.3199



6.6087, 0.5324, 0.2706



0.1710, 0.4474, 0.2238

Previews

White Background



This preview shows how the Yxy color 20.2716, 0.3643, 0.2908 looks on a white background.

Color Contrast Check

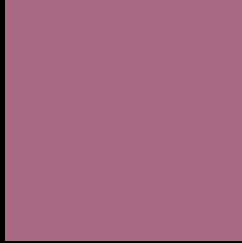
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.2716, 0.3643, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

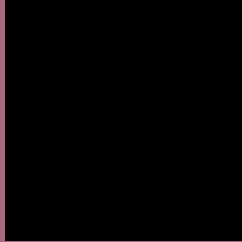
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.2716, 0.3643, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 20.2716, 0.3643, 0.2908.



This preview shows how white text looks on a background with the Yxy color 20.2716, 0.3643, 0.2908.

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

20.2716, 0.3643, 0.2908

Protanopia

20.5059, 0.2911, 0.2967

Deuteranopia

20.3842, 0.3220, 0.3167



Tritanopia

20.3286, 0.3801, 0.3166

Trichromacy



Original Color

20.2716, 0.3643, 0.2908

Protanomaly

20.0465, 0.3156, 0.2930

Deuteranomaly

20.2788, 0.3368, 0.3071

Tritanomaly

20.3458, 0.3749, 0.3074

Monochromacy



Original Color

20.2716, 0.3643, 0.2908

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5029, 0.3311, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.2716, 0.3643, 0.2908 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(168, 106, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 106, 131)  
}
```

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(168, 106, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 106, 131) }
```

Border

The CSS property to change the border of an element to Yxy 20.2716, 0.3643, 0.2908 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(168, 106, 131) }
```

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

```
.border{ border-color:rgb(168, 106, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 106, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 106, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 106, 131);  
box-shadow:4px 4px 4px 4px rgb(168, 106,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 20.2716, 0.3643, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 106, 131) }
```

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

```
.background{ background-color: rgb(168,  
106, 131) }
```

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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