

Converting Colors

$Y_{xy}(21.9830, 0.3635, 0.3294)$

Have a look what the booklet for
Yxy(21.9830, 0.3635, 0.3294)
contains.

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Color

Yxy(21.8965, 0.3642, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	9F7777
RGB	159, 119, 119
RGB Percent	62%, 47%, 47%
CMY	0.3764, 0.5333, 0.5334
CMYK	0.00, 0.25, 0.25, 0.38
HSL	0°, 17%, 55%
HSV	0°, 25%, 62%
XYZ	24.2245, 21.8965, 20.3933
YIQ	130.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

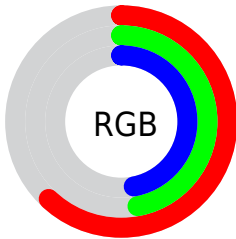
Format	Color
R_{YB}	159, 119, 119
Decimal	10450807
CIE _{Lab}	53.92, 15.65, 6.12
CIE _{LCh}	54, 16.799, 21.354
Yxy	21.8965, 0.3642, 0.3292
Android (android.graphics.Color)	4288640887 (0xFF9F7777)
YUV	130.9600, -5.8963, 24.5911
Hunter-Lab	46.7937, 10.5182, 6.9163

Details

The Yxy color $21.8965, 0.3642, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.2118, 0.2766, 0.3288$, and the grayscale version is $22.6972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.3622, 0.3524, 0.3291$, and $7.9610, 0.3856, 0.3269$ is the 20% darker color. If you saturate the color by 10%, you get $18.0759, 0.3938, 0.3293$, and if you desaturate by 10%, it is $26.4152, 0.3403, 0.3291$.

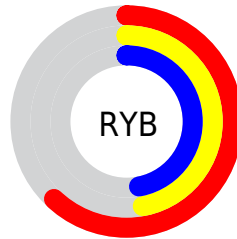
Distribution



Red (62%)

Green (47%)

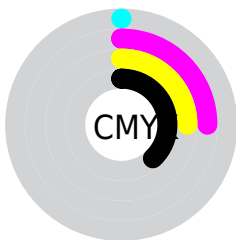
Blue (47%)



Red (62%)

Yellow (47%)

Blue (47%)

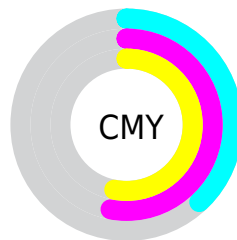


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (38%)



Cyan (38%)


Magenta (53%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8965, 0.3642, 0.3292 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 21.8965, 0.3642, 0.3292 by changing the saturation by 10% instead.


 21.8965, 0.3642,
0.3292


 21.8965, 0.3642,
0.3292


262.0053, 0.3350,
0.3295


 13.7809, 0.3729,
0.3289


 46.5749, 0.3526,
0.3295

 7.9684, 0.3852,
0.3283


 63.9064, 0.3486,
0.3295

 4.0747, 0.4036,
0.3271

 85.0787, 0.3453,
0.3295

 1.7155, 0.4343,
0.3241

110.4761, 0.3425,
0.3296

 0.4336, 0.6242,
0.3408

140.4831, 0.3402,
0.3296

 0.0000, 0.0000,
0.0000

175.4840, 0.3382,

0.3295

215.8633, 0.3365,
0.3295

■ 21.8965, 0.3642,
0.3292

■ 21.8965, 0.3642,
0.3292

■ 18.0759, 0.3938,
0.3293

■ 26.4152, 0.3403,
0.3291

■ 14.9159, 0.4297,
0.3294

■ 31.6613, 0.3211,
0.3290

■ 12.3799, 0.4718,
0.3296

■ 37.6658, 0.3057,
0.3290

■ 10.4265, 0.5182,
0.3297

■ 44.4574, 0.2933,
0.3289

■ 9.0096, 0.5645,
0.3299

■ 52.0629, 0.2833,
0.3289

■ 8.0759, 0.6038,
0.3299

■ 60.5081, 0.2751,
0.3288

■ 7.5576, 0.6299,
0.3300

■ 69.8175, 0.2683,
0.3288

■ 7.3745, 0.6400,
0.3300

■ 80.0149, 0.2628,
0.3288

■ 86.1118, 0.2601,
0.3288

Harmonies

Analogous

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



21.8965, 0.3409, 0.3053



21.8965, 0.3642, 0.3292



21.8965, 0.3730, 0.3541

Triad

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



21.8965, 0.3642, 0.3292



21.8965, 0.3126, 0.3759



21.8965, 0.2625, 0.2832

Complementary

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



21.8965, 0.3642, 0.3292



31.2118, 0.2766, 0.3288

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.



21.8965, 0.2559, 0.2995



21.8965, 0.3642, 0.3292



21.8965, 0.2840, 0.3542

Square

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



21.8965, 0.3642, 0.3292



21.8965, 0.3423, 0.3830



21.8965, 0.2636, 0.3254



21.8965, 0.2820, 0.2794

Rectangle

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



21.8965, 0.3642, 0.3292



21.8965, 0.3692, 0.3684



21.8965, 0.2636, 0.3254



21.8965, 0.2588, 0.2873

Sweetspot

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



21.8975, 0.3642, 0.3292



53.7634, 0.3264, 0.3291



23.0622, 0.3156, 0.2680



11.8097, 0.3291, 0.3291



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



21.8975, 0.3642, 0.3292



35.3714, 0.3794, 0.3293



27.1654, 0.3567, 0.3608



6.6469, 0.3284, 0.3291



5.8243, 0.6400, 0.3300



0.1044, 0.6396, 0.3303

Inverse Universe

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



31.2118, 0.2766, 0.3288



54.8493, 0.2698, 0.3288



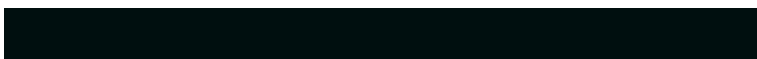
24.8858, 0.2737, 0.2950



7.5086, 0.2988, 0.3289



21.5282, 0.2246, 0.3285



0.3852, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 21.8965, 0.3642, 0.3292 looks on a white background.

Color Contrast Check

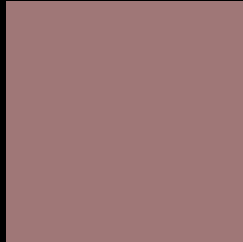
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8965, 0.3642, 0.3292 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 21.8965, 0.3642, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 21.8965, 0.3642, 0.3292.



This preview shows how white text looks on a background with the Yxy color 21.8965, 0.3642, 0.3292.

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

21.8965, 0.3642, 0.3292

Protanopia

22.1423, 0.3229, 0.3379

Deuteranopia

22.0862, 0.3468, 0.3410



Tritanopia

21.9628, 0.3555, 0.3147

Trichromacy



Original Color

21.8965, 0.3642, 0.3292

Protanomaly

21.8232, 0.3370, 0.3342

Deuteranomaly

22.0532, 0.3537, 0.3375

Tritanomaly

21.8857, 0.3593, 0.3195

Monochromacy



Original Color

21.8965, 0.3642, 0.3292

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3738, 0.3295, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8965, 0.3642, 0.3292 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(159, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 119)  
}
```

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(159, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 119) }
```

Border

The CSS property to change the border of an element to Yxy 21.8965, 0.3642, 0.3292 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(159, 119, 119) }
```

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

```
.border{ border-color:rgb(159, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8965, 0.3642, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 119) }
```

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

```
.background{ background-color: rgb(159,  
119, 119) }
```

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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