

Converting Colors

$Y_{xy}(20.3124, 0.3642, 0.3142)$

Have a look what the booklet for
Yxy(20.3124, 0.3642, 0.3142)
contains.

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Color

Yxy(20.3397, 0.3641, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	9F7079
RGB	159, 112, 121
RGB Percent	62%, 44%, 47%
CMY	0.3766, 0.5607, 0.5255
CMYK	0.00, 0.30, 0.24, 0.38
HSL	349°, 20%, 53%
HSV	349°, 30%, 62%
XYZ	23.5400, 20.3397, 20.7729
YIQ	127.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

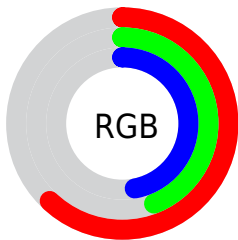
Format	Color
R_{YB}	159, 112, 121
Decimal	10449017
CIE _{Lab}	52.22, 19.95, 2.48
CIE _{LCh}	52, 20.103, 7.097
Yxy	20.3397, 0.3641, 0.3146
Android (android.graphics.Color)	4288639097 (0xFF9F7079)
YUV	127.0790, -2.9969, 27.9947
Hunter-Lab	45.0996, 14.2450, 4.2607

Details

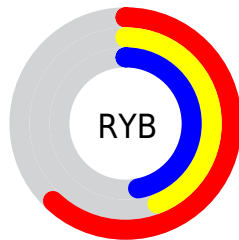
The Yxy color $20.3397, 0.3641, 0.3146$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.4366, 0.2779, 0.3441$, and the grayscale version is $21.2562, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.0151, 0.3531, 0.3182$, and $7.2120, 0.3835, 0.3080$ is the 20% darker color. If you saturate the color by 10%, you get $16.8414, 0.3897, 0.3096$, and if you desaturate by 10%, it is $24.5014, 0.3431, 0.3197$.

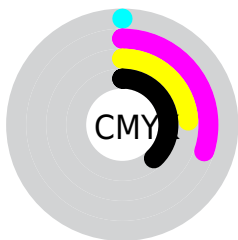
Distribution



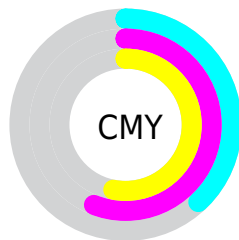
- Red (62%)
- Green (44%)
- Blue (47%)



- Red (62%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (38%)





- Cyan (38%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3397, 0.3641, 0.3146 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 20.3397, 0.3641, 0.3146 by changing the saturation by 10% instead.


 20.3397, 0.3641,
0.3146


 20.3397, 0.3641,
0.3146


253.7482, 0.3348,
0.3230


 12.6422, 0.3730,
0.3120


 43.9860, 0.3524,
0.3180


 7.1826, 0.3856,
0.3081


 60.7036, 0.3483,
0.3192

 3.5766, 0.4047,
0.3022

 81.1967, 0.3450,
0.3201

 1.4396, 0.4371,
0.2916

 105.8496, 0.3423,
0.3209

 0.2457, 0.6797,
0.2318

135.0469, 0.3400,
0.3216

 0.0000, 0.0000,
0.0000

169.1728, 0.3380,

0.3221

208.6118, 0.3363,
0.3226

■ 20.3397, 0.3641,
0.3146

■ 20.3397, 0.3641,
0.3146

■ 16.8414, 0.3897,
0.3096

■ 24.5014, 0.3431,
0.3197

■ 13.9695, 0.4204,
0.3050

■ 29.3553, 0.3260,
0.3246

■ 11.6875, 0.4562,
0.3015


■ 34.9322, 0.3121,
0.3292


■ 9.9541, 0.4959,
0.2999


■ 41.2600, 0.3009,
0.3335

■ 8.7228, 0.5369,
0.3010


■ 48.3652, 0.2917,
0.3373

 7.9389, 0.5748,
0.3054


 56.2730, 0.2842,
0.3409

 7.4835, 0.6061,
0.3117

 65.0074, 0.2780,
0.3441

 7.4646, 0.6074,
0.3120

 74.5914, 0.2728,
0.3470

 84.9865, 0.2686,
0.3495

Harmonies

Analogous

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



20.3397, 0.3297, 0.2888



20.3397, 0.3641, 0.3146



20.3397, 0.3843, 0.3448

Triad

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



20.3397, 0.3641, 0.3146



20.3397, 0.3299, 0.3938



20.3397, 0.2459, 0.2805

Complementary

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



20.3397, 0.3641, 0.3146



30.4366, 0.2779, 0.3441

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.



20.3397, 0.2461, 0.3063



20.3397, 0.3641, 0.3146



20.3397, 0.2931, 0.3749

Square

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



20.3397, 0.3641, 0.3146



20.3397, 0.3634, 0.3922



20.3397, 0.2628, 0.3414



20.3397, 0.2623, 0.2690

Rectangle

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



20.3397, 0.3641, 0.3146



20.3397, 0.3864, 0.3644



20.3397, 0.2628, 0.3414



20.3397, 0.2441, 0.2876

Sweetspot

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



20.3406, 0.3641, 0.3146



52.9346, 0.3254, 0.3248



20.5388, 0.3048, 0.2550



11.6442, 0.3276, 0.3241



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.



20.3406, 0.3641, 0.3146



32.4629, 0.3792, 0.3115



23.4872, 0.3700, 0.3519



6.6659, 0.3255, 0.3247



5.9024, 0.6054, 0.3109



0.1105, 0.5161, 0.2617

Inverse Universe

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



20.3406, 0.3641, 0.3146



32.4629, 0.3792, 0.3115



26.1652, 0.2685, 0.3048



6.6659, 0.3255, 0.3247



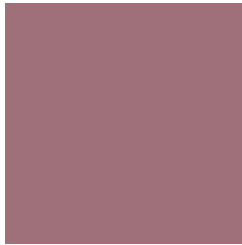
5.9024, 0.6054, 0.3109



0.1105, 0.5161, 0.2617

Previews

White Background



This preview shows how the Yxy color 20.3397, 0.3641, 0.3146 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 20.3397, 0.3641, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

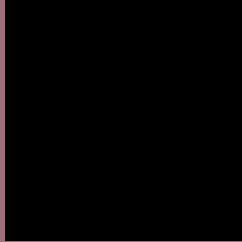
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3397, 0.3641, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 20.3397, 0.3641, 0.3146.



This preview shows how white text looks on a background with the Yxy color 20.3397, 0.3641, 0.3146.

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

20.3397, 0.3641, 0.3146

Protanopia

20.4094, 0.3107, 0.3217

Deuteranopia

20.4956, 0.3378, 0.3326



Tritanopia

20.3397, 0.3641, 0.3146

Trichromacy



Original Color

20.3397, 0.3641, 0.3146

Protanomaly

20.3169, 0.3294, 0.3203

Deuteranomaly

20.4239, 0.3464, 0.3257

Tritanomaly

20.3397, 0.3641, 0.3146

Monochromacy



Original Color

20.3397, 0.3641, 0.3146

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8887, 0.3303, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3397, 0.3641, 0.3146 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, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(159, 112, 121)  
}
```

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, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 112, 121) }
```

Border

The CSS property to change the border of an element to Yxy 20.3397, 0.3641, 0.3146 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, 112, 121) }
```

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

```
.border{ border-color:rgb(159, 112, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 112, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(159, 112,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3397, 0.3641, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 112, 121) }
```

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

```
.background{ background-color: rgb(159,  
112, 121) }
```

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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