

Converting Colors

$Y_{xy}(21.0462, 0.3587, 0.3296)$

Have a look what the booklet for
Yxy(21.0462, 0.3587, 0.3296)
contains.

Yxy(21.0372, 0.3581, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.0372, 0.3581, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	997676
RGB	153, 118, 118
RGB Percent	60%, 46%, 46%
CMY	0.3998, 0.5373, 0.5372
CMYK	0.00, 0.23, 0.23, 0.40
HSL	360°, 15%, 53%
HSV	360°, 23%, 60%
XYZ	22.8910, 21.0372, 19.9952
YIQ	128.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

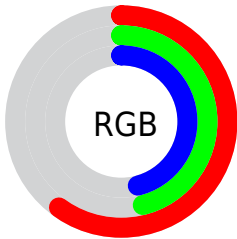
Format	Color
R_{YB}	153, 118, 118
Decimal	10057334
CIE _{Lab}	52.99, 13.71, 5.27
CIE _{LCh}	53, 14.690, 21.015
Yxy	21.0372, 0.3581, 0.3291
Android (android.graphics.Color)	4288247414 (0xFF997676)
YUV	128.4650, -5.1592, 21.5172
Hunter-Lab	45.8663, 8.8198, 6.2592

Details

The Yxy color $21.0372, 0.3581, 0.3291$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.9465, 0.2798, 0.3289$, and the grayscale version is $21.7707, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.0616, 0.3480, 0.3291$, and $7.4651, 0.3764, 0.3267$ is the 20% darker color. If you saturate the color by 10%, you get $17.3872, 0.3861, 0.3292$, and if you desaturate by 10%, it is $25.3329, 0.3355, 0.3291$.

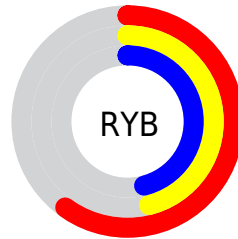
Distribution



Red (60%)

Green (46%)

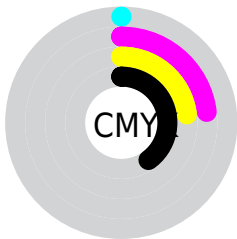
Blue (46%)



Red (60%)

Yellow (46%)

Blue (46%)

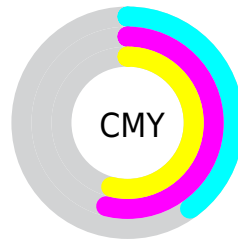


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (40%)



Cyan (40%)


Magenta (54%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0372, 0.3581, 0.3291 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 21.0372, 0.3581, 0.3291 by changing the saturation by 10% instead.


 21.0372, 0.3581,
0.3291


 21.0372, 0.3581,
0.3291


257.4761, 0.3322,
0.3294


 13.1512, 0.3659,
0.3288


 45.1494, 0.3478,
0.3293

 7.5327, 0.3769,
0.3284


 62.1445, 0.3442,
0.3294

 3.7974, 0.3937,
0.3273

 82.9446, 0.3413,
0.3294

 1.5609, 0.4219,
0.3248

107.9343, 0.3389,
0.3294

 0.3310, 0.6624,
0.3376

137.4979, 0.3368,
0.3294

 0.0000, 0.0000,
0.0000

172.0198, 0.3351,

0.3294

211.8844, 0.3336,
0.3294

■ 21.0372, 0.3581,
0.3291

■ 21.0372, 0.3581,
0.3291

■ 17.3872, 0.3861,
0.3292

■ 25.3329, 0.3355,
0.3291

■ 14.3490, 0.4204,
0.3293

■ 30.3002, 0.3173,
0.3290

■ 11.8901, 0.4610,
0.3294


■ 35.9674, 0.3027,
0.3290

■ 9.9735, 0.5065,
0.3295


■ 42.3601, 0.2909,
0.3290


■ 8.5583, 0.5532,
0.3296


■ 49.5026, 0.2814,
0.3289

 7.5978, 0.5949,
0.3298


 57.4182, 0.2735,
0.3289

 7.0363, 0.6246,
0.3299

 66.1290, 0.2671,
0.3289

 6.7763, 0.6400,
0.3299

 75.6565, 0.2618,
0.3289

 85.5161, 0.2575,
0.3288

Harmonies

Analogous

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



21.0372, 0.3374, 0.3077



21.0372, 0.3581, 0.3291



21.0372, 0.3660, 0.3513

Triad

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



21.0372, 0.3581, 0.3291



21.0372, 0.3131, 0.3705



21.0372, 0.2679, 0.2885

Complementary

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



21.0372, 0.3581, 0.3291



28.9465, 0.2798, 0.3289

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.



21.0372, 0.2621, 0.3032



21.0372, 0.3581, 0.3291



21.0372, 0.2875, 0.3515

Square

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



21.0372, 0.3581, 0.3291



21.0372, 0.3393, 0.3767



21.0372, 0.2692, 0.3263



21.0372, 0.2852, 0.2847

Rectangle

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



21.0372, 0.3581, 0.3291



21.0372, 0.3629, 0.3640



21.0372, 0.2692, 0.3263



21.0372, 0.2646, 0.2922

Sweetspot

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



21.0382, 0.3581, 0.3291



50.3189, 0.3245, 0.3290



21.9745, 0.3146, 0.2736



11.0089, 0.3254, 0.3290



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



21.0382, 0.3581, 0.3291



34.4908, 0.3704, 0.3291



25.3919, 0.3522, 0.3568



6.2227, 0.3283, 0.3290



5.5974, 0.6400, 0.3299



0.0837, 0.6396, 0.3297

Inverse Universe

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



21.0382, 0.3581, 0.3291



34.4908, 0.3704, 0.3291



23.7876, 0.2775, 0.2995



6.2227, 0.3283, 0.3290



5.5974, 0.6400, 0.3299



0.0837, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 21.0372, 0.3581, 0.3291 looks on a white background.

Color Contrast Check

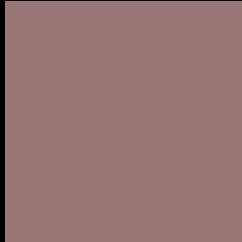
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0372, 0.3581, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

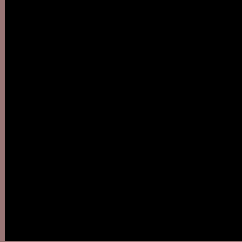
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0372, 0.3581, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 21.0372, 0.3581, 0.3291.



This preview shows how white text looks on a background with the Yxy color 21.0372, 0.3581, 0.3291.

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

21.0372, 0.3581, 0.3291

Protanopia

21.0727, 0.3220, 0.3363

Deuteranopia

21.0431, 0.3451, 0.3378



Tritanopia

21.0990, 0.3494, 0.3143

Trichromacy



Original Color

21.0372, 0.3581, 0.3291

Protanomaly

20.9497, 0.3336, 0.3326

Deuteranomaly

21.1621, 0.3505, 0.3359

Tritanomaly

21.0227, 0.3532, 0.3192

Monochromacy



Original Color

21.0372, 0.3581, 0.3291

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1889, 0.3286, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0372, 0.3581, 0.3291 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(153, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 118)  
}
```

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(153, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 118) }
```

Border

The CSS property to change the border of an element to Yxy 21.0372, 0.3581, 0.3291 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(153, 118, 118) }
```

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

```
.border{ border-color:rgb(153, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 118,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0372, 0.3581, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 118) }
```

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

```
.background{ background-color: rgb(153,  
118, 118) }
```

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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