

Converting Colors

$Y_{xy}(20.0846, 0.3443, 0.3276)$

Have a look what the booklet for
Yxy(20.0846, 0.3443, 0.3276)
contains.

Yxy(20.1284, 0.3437, 0.3274)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.1284, 0.3437, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	8F7677
RGB	143, 118, 119
RGB Percent	56%, 46%, 47%
CMY	0.4394, 0.5372, 0.5334
CMYK	0.00, 0.17, 0.17, 0.44
HSL	358°, 10%, 51%
HSV	358°, 17%, 56%
XYZ	21.1305, 20.1284, 20.2206
YIQ	125.5890, 14.5790, 5.6110

Conversions

Conversions Part 2

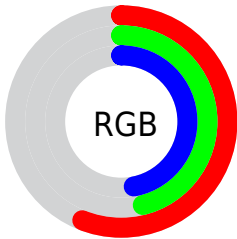
Format	Color
R _Y B	143, 118, 119
Decimal	9401975
CIE Lab	51.98, 9.87, 3.10
CIE LCh	52, 10.347, 17.461
Yxy	20.1284, 0.3437, 0.3274
Android (android.graphics.Color)	4287592055 (0xFF8F7677)
YUV	125.5890, -3.2484, 15.2694
Hunter-Lab	44.8647, 5.5573, 4.6831

Details

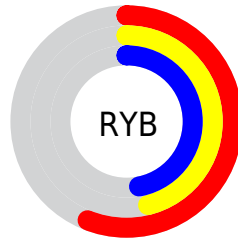
The Yxy color $20.1284, 0.3437, 0.3274$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $25.4394, 0.2882, 0.3306$, and the grayscale version is $20.7241, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.5600, 0.3368, 0.3278$, and $7.1106, 0.3555, 0.3265$ is the 20% darker color. If you saturate the color by 10%, you get $16.7063, 0.3675, 0.3264$, and if you desaturate by 10%, it is $24.1105, 0.3245, 0.3283$.

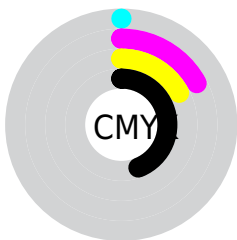
Distribution



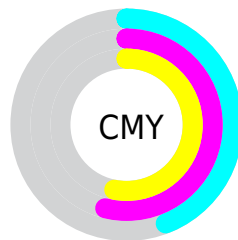
- Red (56%)
- Green (46%)
- Blue (47%)



- Red (56%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1284, 0.3437, 0.3274 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 20.1284, 0.3437, 0.3274 by changing the saturation by 10% instead.


 20.1284, 0.3437,
0.3274


 20.1284, 0.3437,
0.3274


252.6094, 0.3260,
0.3285


 12.4884, 0.3491,
0.3270


 43.6324, 0.3366,
0.3279

 7.0772, 0.3568,
0.3264


 60.2651, 0.3341,
0.3280

 3.5104, 0.3685,
0.3253

 80.6642, 0.3322,
0.3281

 1.4037, 0.3888,
0.3231

105.2141, 0.3305,
0.3282

 0.2194, 0.6507,
0.3176

134.2992, 0.3291,
0.3283

 0.0000, 0.0000,
0.0000

168.3038, 0.3279,

0.3284

207.6124, 0.3269,
0.3284

■ 20.1284, 0.3437,
0.3274

■ 20.1284, 0.3437,
0.3274

■ 16.7063, 0.3675,
0.3264

■ 24.1105, 0.3245,
0.3283

■ 13.8164, 0.3967,
0.3255

■ 28.6731, 0.3091,
0.3292

■ 11.4329, 0.4320,
0.3247

■ 33.8393, 0.2966,
0.3300

■ 9.5266, 0.4731,
0.3241

■ 39.6298, 0.2865,
0.3308

■ 8.0654, 0.5183,
0.3240

■ 46.0646, 0.2782,
0.3314

■ 7.0131, 0.5632,
0.3245

■ 53.1628, 0.2714,
0.3320

■ 6.3283, 0.6018,
0.3258

■ 60.9424, 0.2658,
0.3326

■ 5.9354, 0.6287,
0.3270

■ 69.4211, 0.2611,
0.3331

■ 5.8485, 0.6345,
0.3269

■ 78.6156, 0.2571,
0.3335

Harmonies

Analogous

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



20.1284, 0.3283, 0.3120



20.1284, 0.3437, 0.3274



20.1284, 0.3506, 0.3436

Triad

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



20.1284, 0.3437, 0.3274



20.1284, 0.3155, 0.3593



20.1284, 0.2794, 0.3008

Complementary

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



20.1284, 0.3437, 0.3274



25.4394, 0.2882, 0.3306

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.



20.1284, 0.2763, 0.3126



20.1284, 0.3437, 0.3274



20.1284, 0.2968, 0.3469

Square

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



20.1284, 0.3437, 0.3274



20.1284, 0.3339, 0.3627



20.1284, 0.2826, 0.3295



20.1284, 0.2912, 0.2968

Rectangle

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



20.1284, 0.3437, 0.3274



20.1284, 0.3493, 0.3530



20.1284, 0.2826, 0.3295



20.1284, 0.2773, 0.3040

Sweetspot

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



20.1293, 0.3437, 0.3274



45.0225, 0.3206, 0.3286



20.6690, 0.3132, 0.2871



10.2111, 0.3216, 0.3285



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



20.1293, 0.3437, 0.3274



33.5001, 0.3526, 0.3270



22.9096, 0.3417, 0.3483



5.4273, 0.3276, 0.3282



5.1749, 0.6341, 0.3267



0.0500, 0.6069, 0.3117

Inverse Universe

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



20.1293, 0.3437, 0.3274



33.5001, 0.3526, 0.3270



22.2665, 0.2864, 0.3089



5.4273, 0.3276, 0.3282



5.1749, 0.6341, 0.3267



0.0500, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 20.1284, 0.3437, 0.3274 looks on a white background.

Color Contrast Check

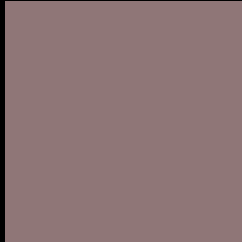
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1284, 0.3437, 0.3274 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 20.1284, 0.3437, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 20.1284, 0.3437, 0.3274.



This preview shows how white text looks on a background with the Yxy color 20.1284, 0.3437, 0.3274.

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

20.1284, 0.3437, 0.3274

Protanopia

20.3325, 0.3186, 0.3327

Deuteranopia

20.1681, 0.3367, 0.3308



Tritanopia

20.1582, 0.3365, 0.3136

Trichromacy



Original Color

20.1284, 0.3437, 0.3274

Protanomaly

20.2861, 0.3275, 0.3308

Deuteranomaly

20.1010, 0.3396, 0.3291

Tritanomaly

20.0819, 0.3403, 0.3187

Monochromacy



Original Color

20.1284, 0.3437, 0.3274

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.5015, 0.3238, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1284, 0.3437, 0.3274 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(143, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(143, 118, 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(143, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 118, 119) }
```

Border

The CSS property to change the border of an element to Yxy 20.1284, 0.3437, 0.3274 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(143, 118, 119) }
```

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

```
.border{ border-color:rgb(143, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 118, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 118, 119);  
box-shadow:4px 4px 4px 4px rgb(143, 118,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1284, 0.3437, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 118, 119) }
```

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

```
.background{ background-color: rgb(143,  
118, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor