

Converting Colors

$Y_{xy}(27.6665, 0.3154, 0.3390)$

Have a look what the booklet for
Yxy(27.6665, 0.3154, 0.3390)
contains.

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Color

Yxy(27.7485, 0.3153, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	8D918A
RGB	141, 145, 138
RGB Percent	55%, 57%, 54%
CMY	0.4471, 0.4313, 0.4588
CMYK	0.03, 0.00, 0.05, 0.43
HSL	95°, 3%, 55%
HSV	95°, 5%, 57%
XYZ	25.6949, 27.7485, 28.0500
YIQ	143.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

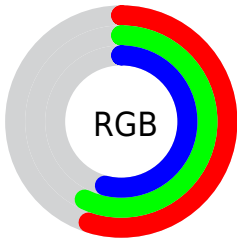
Format	Color
R _Y B	138, 145, 142
Decimal	9277834
CIE Lab	59.66, -2.82, 3.19
CIE LCh	60, 4.261, 131.510
Yxy	27.7485, 0.3153, 0.3405
Android (android.graphics.Color)	4287467914 (0xFF8D918A)
YUV	143.0060, -2.4680, -1.7593
Hunter-Lab	52.6768, -5.1152, 5.3023

Details

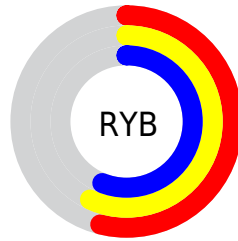
The Yxy color $27.7485, 0.3153, 0.3405$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.9792, 0.3100, 0.3175$, and the grayscale version is $27.4803, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.2105, 0.3154, 0.3388$, and $11.1131, 0.3165, 0.3460$ is the 20% darker color. If you saturate the color by 10%, you get $26.6524, 0.3206, 0.3660$, and if you desaturate by 10%, it is $28.9583, 0.3100, 0.3173$.

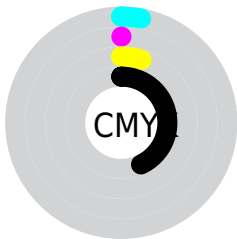
Distribution



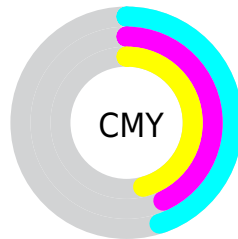
- Red (55%)
- Green (57%)
- Blue (54%)



- Red (54%)
- Yellow (57%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)





- Cyan (45%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7485, 0.3153, 0.3405 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 27.7485, 0.3153, 0.3405 by changing the saturation by 10% instead.


 27.7485, 0.3153,
0.3405


 27.7485, 0.3153,
0.3405


291.2632, 0.3139,
0.3342

 18.1362, 0.3157,
0.3423


 56.0827, 0.3148,
0.3381

 11.0478, 0.3162,
0.3447


 75.5733, 0.3146,
0.3372

 6.0990, 0.3169,
0.3482

 99.1254, 0.3144,
0.3365

 2.9054, 0.3180,
0.3537

127.1235, 0.3143,
0.3359

 1.0825, 0.3199,
0.3637

159.9520, 0.3142,
0.3354

 0.0000, 0.0000,
0.0000

197.9951, 0.3141,

0.3349

241.6374, 0.3140,
0.3346

■ 27.7485, 0.3153,
0.3405

■ 27.7485, 0.3153,
0.3405

■ 26.6524, 0.3206,
0.3660

■ 28.9583, 0.3100,
0.3173

■ 25.6630, 0.3257,
0.3936

■ 30.2816, 0.3047,
0.2963

■ 24.7780, 0.3303,
0.4228

■ 31.7225, 0.2997,
0.2776

■ 23.9935, 0.3341,
0.4528

■ 33.2842, 0.2950,
0.2609

■ 23.3053, 0.3368,
0.4826

■ 34.9694, 0.2905,
0.2460

■ 22.7092, 0.3379,
0.5108

■ 36.7810, 0.2863,
0.2328

■ 22.2002, 0.3373,
0.5358

■ 38.7216, 0.2824,
0.2211

■ 21.7730, 0.3348,
0.5561

■ 40.7939, 0.2788,
0.2107

■ 21.4209, 0.3305,
0.5710

■ 42.0987, 0.2850,
0.2122

Harmonies

Analogous

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



27.7485, 0.3218, 0.3412



27.7485, 0.3153, 0.3405



27.7485, 0.3082, 0.3366

Triad

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



27.7485, 0.3153, 0.3405



27.7485, 0.2997, 0.3193



27.7485, 0.3232, 0.3273

Complementary

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



27.7485, 0.3153, 0.3405



25.9792, 0.3100, 0.3175

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.



27.7485, 0.3172, 0.3216



27.7485, 0.3153, 0.3405



27.7485, 0.3037, 0.3170

Square

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



27.7485, 0.3153, 0.3405



27.7485, 0.2992, 0.3243



27.7485, 0.3100, 0.3179



27.7485, 0.3264, 0.3335

Rectangle

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



27.7485, 0.3153, 0.3405



27.7485, 0.3040, 0.3327



27.7485, 0.3100, 0.3179



27.7485, 0.3214, 0.3253

Sweetspot

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



27.7497, 0.3153, 0.3405



50.4884, 0.3133, 0.3314



27.1949, 0.3200, 0.3355



11.2348, 0.3132, 0.3312



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.



27.7497, 0.3153, 0.3405



49.4223, 0.3160, 0.3437



27.5067, 0.3117, 0.3398



6.2034, 0.3162, 0.3444



18.2480, 0.3286, 0.5773



0.1870, 0.3634, 0.5497

Inverse Universe

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



25.9792, 0.3100, 0.3175



45.4331, 0.3093, 0.3144



26.2308, 0.3137, 0.3184



5.6792, 0.3091, 0.3137



3.3676, 0.2203, 0.0987



0.0452, 0.2656, 0.1237

Previews

White Background



This preview shows how the Yxy color 27.7485, 0.3153, 0.3405 looks on a white background.

Color Contrast Check

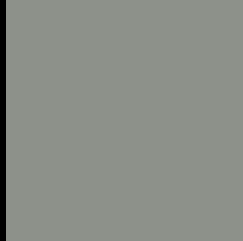
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7485, 0.3153, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

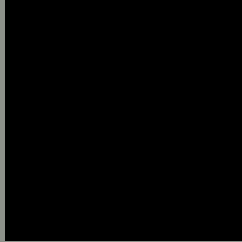
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

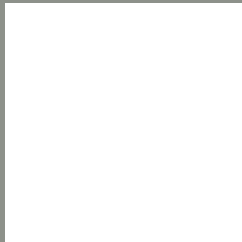
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7485, 0.3153, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 27.7485, 0.3153, 0.3405.



This preview shows how white text looks on a background with the Yxy color 27.7485, 0.3153, 0.3405.

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

27.7485, 0.3153, 0.3405

Protanopia

27.7470, 0.3241, 0.3387

Deuteranopia

27.7002, 0.3349, 0.3291



Tritanopia

27.8177, 0.3021, 0.3114

Trichromacy



Original Color

27.7485, 0.3153, 0.3405

Protanomaly

27.7724, 0.3207, 0.3404

Deuteranomaly

27.5892, 0.3267, 0.3322

Tritanomaly

27.8354, 0.3068, 0.3225

Monochromacy



Original Color

27.7485, 0.3153, 0.3405

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6204, 0.3135, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7485, 0.3153, 0.3405 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(141, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 138)  
}
```

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(141, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.7485, 0.3153, 0.3405 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(141, 145, 138) }
```

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

```
.border{ border-color:rgb(141, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7485, 0.3153, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 138) }
```

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

```
.background{ background-color: rgb(141,  
145, 138) }
```

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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