

Converting Colors

$Y_{xy}(28.0153, 0.3253, 0.3554)$

Have a look what the booklet for
Yxy(28.0153, 0.3253, 0.3554)
contains.

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Color

Yxy(28.0091, 0.3252, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	8F9282
RGB	143, 146, 130
RGB Percent	56%, 57%, 51%
CMY	0.4394, 0.4274, 0.4902
CMYK	0.02, 0.00, 0.11, 0.43
HSL	71°, 7%, 54%
HSV	71°, 11%, 57%
XYZ	25.6290, 28.0091, 25.1719
YIQ	143.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

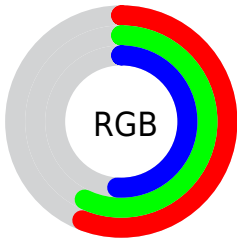
Format	Color
RYB	130, 146, 133
Decimal	9409154
CIELab	59.90, -4.12, 8.11
CIElCh	60, 9.094, 116.925
Yxy	28.0091, 0.3252, 0.3554
Android (android.graphics.Color)	4287599234 (0xFF8F9282)
YUV	143.2790, -6.5465, -0.2447
Hunter-Lab	52.9236, -6.1751, 8.8466

Details

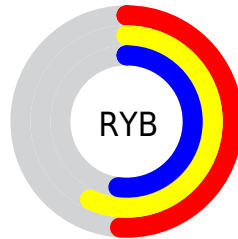
The Yxy color $28.0091, 0.3252, 0.3554$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.0310, 0.2994, 0.3017$, and the grayscale version is $27.6088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.5978, 0.3228, 0.3498$, and $11.2870, 0.3296, 0.3653$ is the 20% darker color. If you saturate the color by 10%, you get $27.3993, 0.3367, 0.3806$, and if you desaturate by 10%, it is $28.6832, 0.3138, 0.3313$.

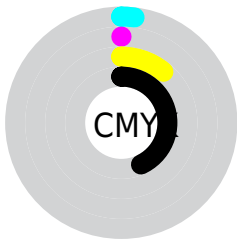
Distribution



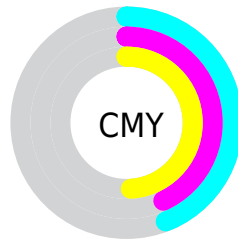
- Red (56%)
- Green (57%)
- Blue (51%)



- Red (51%)
- Yellow (57%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0091, 0.3252, 0.3554 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 28.0091, 0.3252, 0.3554 by changing the saturation by 10% instead.


 28.0091, 0.3252,
0.3554


 28.0091, 0.3252,
0.3554


292.5104, 0.3185,
0.3410

 18.3325, 0.3270,
0.3595


 56.4990, 0.3226,
0.3498

 11.1890, 0.3295,
0.3651


 76.0810, 0.3217,
0.3478

 6.1941, 0.3330,
0.3732


 99.7338, 0.3210,
0.3462

 2.9635, 0.3383,
0.3859

127.8415, 0.3203,
0.3448

 1.1127, 0.3521,
0.4146

160.7886, 0.3198,
0.3436

 0.0000, 0.0000,
0.0000

198.9595, 0.3193,

0.3426

242.7387, 0.3189,
0.3417

■ 28.0091, 0.3252,
0.3554

■ 28.0091, 0.3252,
0.3554

■ 27.3993, 0.3367,
0.3806

■ 28.6832, 0.3138,
0.3313

■ 26.8479, 0.3480,
0.4063

■ 29.4201, 0.3028,
0.3086

■ 26.3533, 0.3587,
0.4319

■ 30.2233, 0.2923,
0.2875

■ 25.9130, 0.3683,
0.4563

■ 31.0947, 0.2825,
0.2682

■ 25.5239, 0.3763,
0.4786

■ 32.0363, 0.2734,
0.2506

■ 25.1827, 0.3822,
0.4978

■ 33.0498, 0.2650,
0.2346

■ 24.8856, 0.3858,
0.5131

■ 34.1372, 0.2573,
0.2202

■ 24.6283, 0.3869,
0.5241

■ 35.3001, 0.2502,
0.2072

■ 24.4197, 0.3865,
0.5313

■ 36.1203, 0.2474,
0.2008

Harmonies

Analogous

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



28.0091, 0.3371, 0.3531



28.0091, 0.3252, 0.3554



28.0091, 0.3102, 0.3502

Triad

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



28.0091, 0.3252, 0.3554



28.0091, 0.2839, 0.3127



28.0091, 0.3294, 0.3192

Complementary

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



28.0091, 0.3252, 0.3554



23.0310, 0.2994, 0.3017

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.



28.0091, 0.3147, 0.3090



28.0091, 0.3252, 0.3554



28.0091, 0.2887, 0.3051

Square

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



28.0091, 0.3252, 0.3554



28.0091, 0.2865, 0.3251



28.0091, 0.2999, 0.3039



28.0091, 0.3396, 0.3320

Rectangle

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



28.0091, 0.3252, 0.3554



28.0091, 0.3004, 0.3432



28.0091, 0.2999, 0.3039



28.0091, 0.3248, 0.3154

Sweetspot

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



28.0103, 0.3252, 0.3554



50.3295, 0.3162, 0.3362



24.4806, 0.3310, 0.3339



11.1759, 0.3170, 0.3380



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.



28.0103, 0.3252, 0.3554



49.1435, 0.3278, 0.3611



27.3316, 0.3168, 0.3561



6.6892, 0.3232, 0.3511



21.4926, 0.3866, 0.5312



0.2746, 0.4034, 0.5179

Inverse Universe

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



23.0310, 0.2994, 0.3017



38.6927, 0.2964, 0.2956



23.6973, 0.3082, 0.3025



5.6832, 0.3017, 0.3063



2.0507, 0.1607, 0.0659



0.0350, 0.1956, 0.0851

Previews

White Background



This preview shows how the Yxy color 28.0091, 0.3252, 0.3554 looks on a white background.

Color Contrast Check

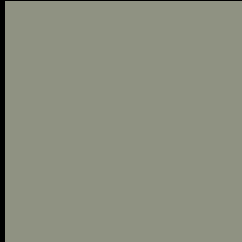
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0091, 0.3252, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

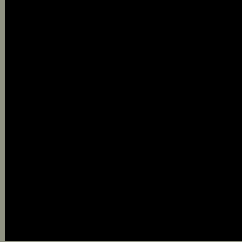
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0091, 0.3252, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 28.0091, 0.3252, 0.3554.



This preview shows how white text looks on a background with the Yxy color 28.0091, 0.3252, 0.3554.

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

28.0091, 0.3252, 0.3554

Protanopia

28.0155, 0.3343, 0.3533

Deuteranopia

27.8905, 0.3481, 0.3415



Tritanopia

28.0890, 0.3052, 0.3116

Trichromacy



Original Color

28.0091, 0.3252, 0.3554

Protanomaly

28.0388, 0.3308, 0.3551

Deuteranomaly

28.0526, 0.3394, 0.3464

Tritanomaly

28.0106, 0.3128, 0.3274

Monochromacy



Original Color

28.0091, 0.3252, 0.3554

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.6211, 0.3176, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0091, 0.3252, 0.3554 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, 146, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 146, 130)  
}
```

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, 146, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 146, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.0091, 0.3252, 0.3554 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, 146, 130) }
```

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

```
.border{ border-color:rgb(143, 146, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 146, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 146, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 146, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 146,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0091, 0.3252, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 146, 130) }
```

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

```
.background{ background-color: rgb(143,  
146, 130) }
```

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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