

Converting Colors

$Y_{xy}(30.7745, 0.3136, 0.3620)$

Have a look what the booklet for
Yxy(30.7745, 0.3136, 0.3620)
contains.

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Color

Yxy(30.9295, 0.3141, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	8A9C87
RGB	138, 156, 135
RGB Percent	54%, 61%, 53%
CMY	0.4586, 0.3883, 0.4706
CMYK	0.12, 0.00, 0.13, 0.39
HSL	111°, 10%, 57%
HSV	111°, 13%, 61%
XYZ	26.7482, 30.9295, 27.4806
YIQ	148.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

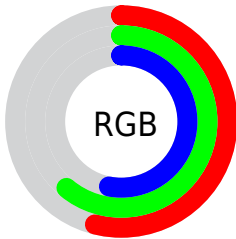
Format	Color
RYB	135, 156, 153
Decimal	9084039
CIELab	62.45, -10.48, 8.86
CIElCh	62, 13.725, 139.775
Yxy	30.9295, 0.3141, 0.3632
Android (android.graphics.Color)	4287274119 (0xFF8A9C87)
YUV	148.2240, -6.5194, -8.9664
Hunter-Lab	55.6143, -11.4737, 9.6332

Details

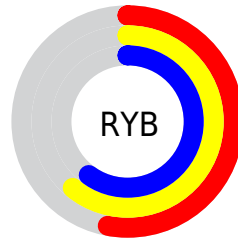
The Yxy color **30.9295, 0.3141, 0.3632** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4943, 0.3109, 0.2964**, and the grayscale version is **29.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4258, 0.3144, 0.3569**, and **12.8337, 0.3146, 0.3768** is the 20% darker color. If you saturate the color by 10%, you get **29.4542, 0.3149, 0.3921**, and if you desaturate by 10%, it is **32.6115, 0.3131, 0.3373**.

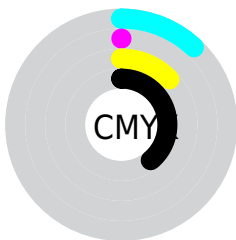
Distribution



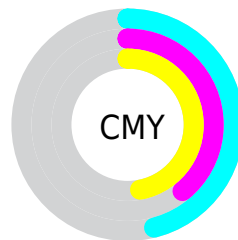
- Red (54%)
- Green (61%)
- Blue (53%)



- Red (53%)
- Yellow (61%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (39%)





- Cyan (46%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9295, 0.3141, 0.3632 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 30.9295, 0.3141, 0.3632 by changing the saturation by 10% instead.


 30.9295, 0.3141,
0.3632


 30.9295, 0.3141,
0.3632


306.2134, 0.3135,
0.3446


 20.5452, 0.3142,
0.3684


 61.1291, 0.3139,
0.3560

 12.7919, 0.3142,
0.3755

 81.7131, 0.3139,
0.3535

 7.2854, 0.3142,
0.3858


 106.4658, 0.3138,
0.3513

 3.6412, 0.3139,
0.4017

135.7716, 0.3137,
0.3496

 1.4750, 0.3128,
0.4303

170.0148, 0.3137,
0.3480

 0.2710, 0.0065,
0.9935

209.5800, 0.3136,

 0.0000, 0.0000,

0.3467

0.0000

254.8513, 0.3136,
0.3456

■ 30.9295, 0.3141,
0.3632

■ 30.9295, 0.3141,
0.3632

■ 29.4542, 0.3149,
0.3921

■ 32.6115, 0.3131,
0.3373

■ 28.1738, 0.3153,
0.4235

■ 34.5036, 0.3120,
0.3143

■ 27.0814, 0.3153,
0.4567

■ 36.6142, 0.3108,
0.2942

■ 26.1679, 0.3148,
0.4904

■ 38.9499, 0.3096,
0.2766

■ 25.4236, 0.3135,
0.5226

■ 41.5173, 0.3084,
0.2613

■ 24.8381, 0.3116,
0.5511

■ 44.3224, 0.3072,
0.2480

■ 24.3993, 0.3090,
0.5738

■ 47.3712, 0.3061,
0.2364

■ 24.0939, 0.3061,
0.5891

■ 50.3568, 0.3087,
0.2303

■ 23.9525, 0.3046,
0.5964

■ 52.2544, 0.3172,
0.2329

Harmonies

Analogous

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



30.9295, 0.3355, 0.3680



30.9295, 0.3141, 0.3632



30.9295, 0.2928, 0.3482

Triad

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



30.9295, 0.3141, 0.3632



30.9295, 0.2753, 0.2960



30.9295, 0.3494, 0.3285

Complementary

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



30.9295, 0.3141, 0.3632



26.4943, 0.3109, 0.2964

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.



30.9295, 0.3322, 0.3108



30.9295, 0.3141, 0.3632



30.9295, 0.2894, 0.2923

Square

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



30.9295, 0.3141, 0.3632



30.9295, 0.2709, 0.3087



30.9295, 0.3101, 0.2977



30.9295, 0.3564, 0.3470

Rectangle

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



30.9295, 0.3141, 0.3632



30.9295, 0.2815, 0.3348



30.9295, 0.3101, 0.2977



30.9295, 0.3446, 0.3223

Sweetspot

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



30.9308, 0.3141, 0.3632



59.0376, 0.3132, 0.3388



31.5476, 0.3329, 0.3567



12.9407, 0.3132, 0.3406



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.9308, 0.3141, 0.3632



55.3814, 0.3144, 0.3712



30.8885, 0.3046, 0.3512



7.4450, 0.3137, 0.3519



19.7415, 0.3049, 0.5961



0.3645, 0.3236, 0.5813

Inverse Universe

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



26.4943, 0.3109, 0.2964



45.7995, 0.3104, 0.2893



26.5531, 0.3219, 0.3078



6.7058, 0.3115, 0.3068



6.1196, 0.2852, 0.1345



0.1215, 0.3005, 0.1429

Previews

White Background



This preview shows how the Yxy color 30.9295, 0.3141, 0.3632 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.9295, 0.3141, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

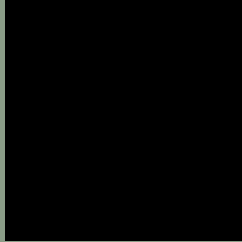
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9295, 0.3141, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 30.9295, 0.3141, 0.3632.



This preview shows how white text looks on a background with the Yxy color 30.9295, 0.3141, 0.3632.

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

30.9295, 0.3141, 0.3632

Protanopia

30.7477, 0.3386, 0.3569

Deuteranopia

30.6030, 0.3478, 0.3410



Tritanopia

30.9764, 0.2932, 0.3104

Trichromacy



Original Color

30.9295, 0.3141, 0.3632

Protanomaly

30.7292, 0.3298, 0.3590

Deuteranomaly

30.5416, 0.3349, 0.3491

Tritanomaly

30.7451, 0.3009, 0.3290

Monochromacy



Original Color

30.9295, 0.3141, 0.3632

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.0457, 0.3131, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9295, 0.3141, 0.3632 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(138, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(138, 156, 135)  
}
```

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(138, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 156, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.9295, 0.3141, 0.3632 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(138, 156, 135) }
```

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

```
.border{ border-color:rgb(138, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(138, 156,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9295, 0.3141, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 156, 135) }
```

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

```
.background{ background-color: rgb(138,  
156, 135) }
```

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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