

Converting Colors

$Yxy(32.6493, 0.3024, 0.3576)$

Have a look what the booklet for
Yxy(32.6493, 0.3024, 0.3576)
contains.

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Color

Yxy(32.5717, 0.3021, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	86A190
RGB	134, 161, 144
RGB Percent	53%, 63%, 56%
CMY	0.4745, 0.3686, 0.4354
CMYK	0.17, 0.00, 0.11, 0.37
HSL	142°, 13%, 58%
HSV	142°, 17%, 63%
XYZ	27.6092, 32.5717, 31.2100
YIQ	150.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

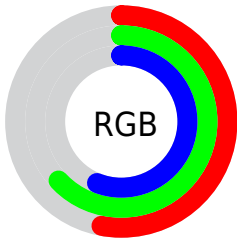
Format	Color
RYB	134, 154, 161
Decimal	8823184
CIELab	63.81, -12.88, 5.74
CIELCh	64, 14.103, 155.986
Yxy	32.5717, 0.3021, 0.3564
Android (android.graphics.Color)	4287013264 (0xFF86A190)
YUV	150.9890, -3.4456, -14.8994
Hunter-Lab	57.0716, -13.5235, 7.5270

Details

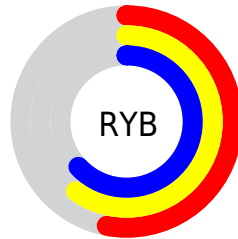
The Yxy color $32.5717, 0.3021, 0.3564$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $26.8630, 0.3251, 0.3031$, and the grayscale version is $30.9610, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.7537, 0.3038, 0.3506$, and $13.6302, 0.2979, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $31.0528, 0.2960, 0.3753$, and if you desaturate by 10%, it is $34.3227, 0.3084, 0.3394$.

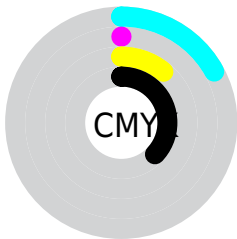
Distribution



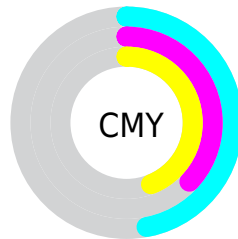
- Red (53%)
- Green (63%)
- Blue (56%)



- Red (53%)
- Yellow (60%)
- Blue (63%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)





- Cyan (47%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5717, 0.3021, 0.3564 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 32.5717, 0.3021, 0.3564 by changing the saturation by 10% instead.


 32.5717, 0.3021,
0.3564


 32.5717, 0.3021,
0.3564


313.7154, 0.3079,
0.3416


 21.7985, 0.3005,
0.3605


 63.7063, 0.3043,
0.3507

 13.7089, 0.2983,
0.3660


 84.8365, 0.3051,
0.3487

 7.9185, 0.2952,
0.3739

 110.1878, 0.3058,
0.3470

 4.0429, 0.2904,
0.3861

140.1447, 0.3063,
0.3456

 1.6976, 0.2819,
0.4072

175.0915, 0.3068,
0.3444

 0.4221, 0.1529,
0.7443

215.4126, 0.3072,

 0.0000, 0.0000,

0.3433

0.0000

261.4924, 0.3075,
0.3424

■ 32.5717, 0.3021,
0.3564

■ 32.5717, 0.3021,
0.3564

■ 31.0528, 0.2960,
0.3753

■ 34.3227, 0.3084,
0.3394

■ 29.7520, 0.2904,
0.3960

■ 36.3109, 0.3148,
0.3243

■ 28.6602, 0.2856,
0.4183

■ 38.5463, 0.3210,
0.3110

■ 27.7659, 0.2818,
0.4419

■ 41.0371, 0.3271,
0.2993

■ 27.0566, 0.2795,
0.4660

■ 43.7914, 0.3330,
0.2891

■ 26.5183, 0.2787,
0.4899

■ 46.8164, 0.3385,
0.2801

■ 26.1346, 0.2797,
0.5126

■ 50.1196, 0.3438,
0.2723

■ 25.8817, 0.2823,
0.5333

■ 52.1974, 0.3420,
0.2641

■ 25.8128, 0.2832,
0.5396

■ 52.7685, 0.3332,
0.2547

Harmonies

Analogous

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



32.5717, 0.3244, 0.3672



32.5717, 0.3021, 0.3564



32.5717, 0.2831, 0.3375

Triad

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



32.5717, 0.3021, 0.3564



32.5717, 0.2815, 0.2924



32.5717, 0.3551, 0.3388

Complementary

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



32.5717, 0.3021, 0.3564



26.8630, 0.3251, 0.3031

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.



32.5717, 0.3428, 0.3199



32.5717, 0.3021, 0.3564



32.5717, 0.2999, 0.2938

Square

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



32.5717, 0.3021, 0.3564



32.5717, 0.2716, 0.3005



32.5717, 0.3224, 0.3038



32.5717, 0.3555, 0.3559

Rectangle

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



32.5717, 0.3021, 0.3564



32.5717, 0.2747, 0.3235



32.5717, 0.3224, 0.3038



32.5717, 0.3522, 0.3324

Sweetspot

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



32.5731, 0.3021, 0.3564



62.0321, 0.3095, 0.3368



33.8021, 0.3273, 0.3709



13.5555, 0.3091, 0.3378



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.5731, 0.3021, 0.3564



57.3041, 0.2999, 0.3630



33.0082, 0.2909, 0.3346



7.9363, 0.3068, 0.3435



20.6217, 0.2828, 0.5381



0.4422, 0.2621, 0.4636

Inverse Universe

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



26.8630, 0.3251, 0.3031



45.1890, 0.3282, 0.2973



26.4513, 0.3398, 0.3235



7.1575, 0.3191, 0.3149



6.8177, 0.4389, 0.2192



0.1519, 0.3867, 0.1904

Previews

White Background



This preview shows how the Yxy color 32.5717, 0.3021, 0.3564 looks on a white background.

Color Contrast Check

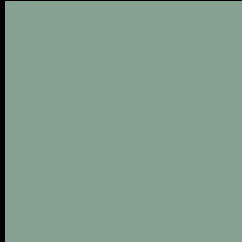
Large Text (above 18pt) WCAG AA × Fail

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 32.5717, 0.3021, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

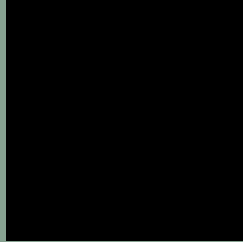
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

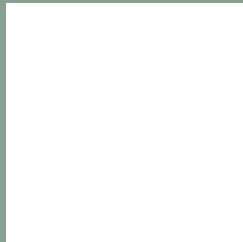
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.5717, 0.3021, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 32.5717, 0.3021, 0.3564.



This preview shows how white text looks on a background with the Yxy color 32.5717, 0.3021, 0.3564.

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

32.5717, 0.3021, 0.3564

Protanopia

32.4782, 0.3320, 0.3503

Deuteranopia

32.3409, 0.3397, 0.3334



Tritanopia

32.5052, 0.2848, 0.3090

Trichromacy



Original Color

32.5717, 0.3021, 0.3564

Protanomaly

32.6163, 0.3214, 0.3538

Deuteranomaly

32.0959, 0.3253, 0.3412

Tritanomaly

32.3453, 0.2905, 0.3242

Monochromacy



Original Color

32.5717, 0.3021, 0.3564

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.6006, 0.3093, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5717, 0.3021, 0.3564 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(134, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(134, 161, 144)  
}
```

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(134, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 161, 144) }
```

Border

The CSS property to change the border of an element to Yxy 32.5717, 0.3021, 0.3564 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(134, 161, 144) }
```

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

```
.border{ border-color:rgb(134, 161, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 161, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(134, 161,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5717, 0.3021, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 161, 144) }
```

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

```
.background{ background-color: rgb(134,  
161, 144) }
```

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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