

Converting Colors

$Y_{xy}(32.3764, 0.2765, 0.3057)$

Have a look what the booklet for
Yxy(32.3764, 0.2765, 0.3057)
contains.

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Color

Yxy(32.3764, 0.2765, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	849EAD
RGB	132, 158, 173
RGB Percent	52%, 62%, 68%
CMY	0.4824, 0.3804, 0.3215
CMYK	0.24, 0.09, 0.00, 0.32
HSL	202°, 20%, 60%
HSV	202°, 24%, 68%
XYZ	29.2839, 32.3764, 44.2488
YIQ	151.9360, -20.3110, -0.8470

Conversions

Conversions Part 2

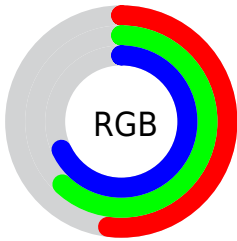
Format	Color
RYB	132, 148, 173
Decimal	8691373
CIELab	63.65, -5.63, -10.81
CIELCh	64, 12.187, 242.491
Yxy	32.3764, 0.2765, 0.3057
Android (android.graphics.Color)	4286881453 (0xFF849EAD)
YUV	151.9360, 10.3846, -17.4839
Hunter-Lab	56.9003, -7.7100, -6.2770

Details

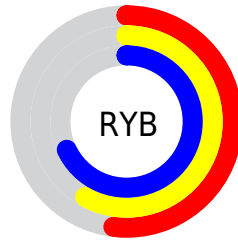
The Yxy color $32.3764, 0.2765, 0.3057$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $31.4151, 0.3558, 0.3512$, and the grayscale version is $31.3306, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.6290, 0.2841, 0.3115$, and $13.6452, 0.2641, 0.2977$ is the 20% darker color. If you saturate the color by 10%, you get $28.9932, 0.2613, 0.2943$, and if you desaturate by 10%, it is $36.1047, 0.2919, 0.3162$.

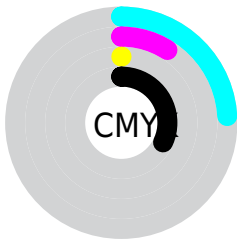
Distribution



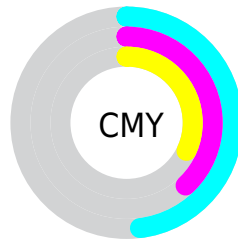
- Red (52%)
- Green (62%)
- Blue (68%)



- Red (52%)
- Yellow (58%)
- Blue (68%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (48%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.3764, 0.2765, 0.3057 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 32.3764, 0.2765, 0.3057 by changing the saturation by 10% instead.

■ 32.3764, 0.2765,
0.3057

■ 32.3764, 0.2765,
0.3057

■ 312.8303, 0.2955,
0.3182

■ 21.6492, 0.2715,
0.3023

■ 63.4007, 0.2836,
0.3105

■ 13.5993, 0.2648,
0.2977

■ 84.4666, 0.2862,
0.3122

■ 7.8425, 0.2556,
0.2913

■ 109.7474, 0.2884,
0.3136

■ 3.9944, 0.2421,
0.2816

■ 139.6276, 0.2903,
0.3148

■ 1.6704, 0.2205,
0.2655

■ 174.4916, 0.2918,
0.3158

■ 0.4044, 0.1323,
0.2167

■ 214.7238, 0.2932,

■ 0.0000, 0.0000,

0.3167

0.0000

260.7086, 0.2944,
0.3175

■ 32.3764, 0.2765,
0.3057

■ 32.3764, 0.2765,
0.3057

■ 28.9932, 0.2613,
0.2943

■ 36.1047, 0.2919,
0.3162

■ 25.9381, 0.2467,
0.2820

■ 40.1864, 0.3071,
0.3257

■ 23.1985, 0.2330,
0.2690

■ 44.6344, 0.3221,
0.3343

■ 20.7588, 0.2205,
0.2554

■ 49.4596, 0.3365,
0.3419

■ 18.6023, 0.2097,
0.2415

■ 54.6724, 0.3504,
0.3486

■ 16.7095, 0.2008,
0.2275

■ 60.2828, 0.3635,
0.3546

■ 15.0577, 0.1940,
0.2137

■ 66.3005, 0.3760,
0.3598

■ 14.1130, 0.1903,
0.2052

■ 69.6976, 0.3755,
0.3660

■ 72.8574, 0.3734,
0.3723

Harmonies

Analogous

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



32.3764, 0.2781, 0.3205



32.3764, 0.2765, 0.3057



32.3764, 0.2842, 0.2976

Triad

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



32.3764, 0.2765, 0.3057



32.3764, 0.3370, 0.3193



32.3764, 0.3251, 0.3624

Complementary

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



32.3764, 0.2765, 0.3057



31.4151, 0.3558, 0.3512

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.



32.3764, 0.3415, 0.3610



32.3764, 0.2765, 0.3057



32.3764, 0.3486, 0.3357

Square

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



32.3764, 0.2765, 0.3057



32.3764, 0.3189, 0.3057



32.3764, 0.3502, 0.3509



32.3764, 0.3058, 0.3541

Rectangle

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



32.3764, 0.2765, 0.3057



32.3764, 0.2938, 0.2968



32.3764, 0.3502, 0.3509



32.3764, 0.3312, 0.3630

Sweetspot

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



32.3777, 0.2765, 0.3057



69.3971, 0.3019, 0.3226



36.8832, 0.2984, 0.3709



14.9907, 0.3011, 0.3220



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.3777, 0.2765, 0.3057



55.0090, 0.2692, 0.3004



26.1370, 0.2739, 0.2737



8.5720, 0.2986, 0.3205



10.4776, 0.1907, 0.2066



0.3909, 0.2022, 0.2480

Inverse Universe

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



27.8516, 0.3313, 0.2914



45.8368, 0.3359, 0.2836



38.1379, 0.3496, 0.3789



8.0976, 0.3191, 0.3147



7.3608, 0.4378, 0.2186



0.2148, 0.3942, 0.1945

Previews

White Background



This preview shows how the Yxy color 32.3764, 0.2765, 0.3057 looks on a white background.

Color Contrast Check

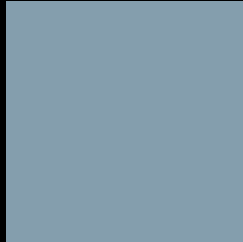
Large Text (above 18pt) WCAG AA × Fail

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 32.3764, 0.2765, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

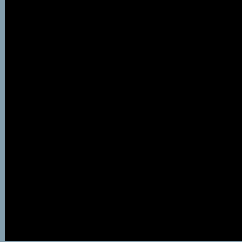
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

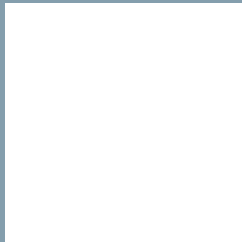
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.3764, 0.2765, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 32.3764, 0.2765, 0.3057.



This preview shows how white text looks on a background with the Yxy color 32.3764, 0.2765, 0.3057.

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

32.3764, 0.2765, 0.3057

Protanopia

32.3601, 0.2965, 0.3037

Deuteranopia

32.2788, 0.2987, 0.2927



Tritanopia

32.2995, 0.2781, 0.3087

Trichromacy



Original Color

32.3764, 0.2765, 0.3057

Protanomaly

32.4027, 0.2892, 0.3048

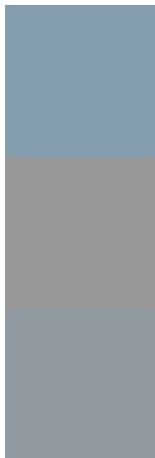
Deuteranomaly

32.2280, 0.2903, 0.2977

Tritanomaly

32.3378, 0.2773, 0.3072

Monochromacy



Original Color

32.3764, 0.2765, 0.3057

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.6690, 0.2986, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3764, 0.2765, 0.3057 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(132, 158, 173)` looks like.

```
.text, #text, p{  
    color:rgb(132, 158, 173)  
}
```

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(132, 158, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 158, 173) }
```

Border

The CSS property to change the border of an element to Yxy 32.3764, 0.2765, 0.3057 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(132, 158, 173) }
```

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

```
.border{ border-color:rgb(132, 158, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 158, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 158, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 158, 173);  
box-shadow:4px 4px 4px 4px rgb(132, 158,  
173) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.3764, 0.2765, 0.3057$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 158, 173) }
```

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

```
.background{ background-color: rgb(132,  
158, 173) }
```

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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