

Converting Colors

$Yxy(32.5803, 0.3214, 0.3769)$

Have a look what the booklet for
Yxy(32.5803, 0.3214, 0.3769)
contains.

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Color

Yxy(32.5041, 0.3220, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	8EA082
RGB	142, 160, 130
RGB Percent	56%, 63%, 51%
CMY	0.4432, 0.3725, 0.4901
CMYK	0.11, 0.00, 0.19, 0.37
HSL	96°, 14%, 57%
HSV	96°, 19%, 63%
XYZ	27.7548, 32.5041, 25.9360
YIQ	151.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

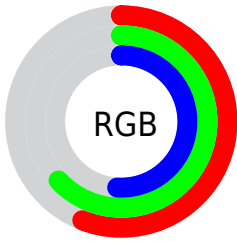
Format	Color
RYB	130, 160, 148
Decimal	9347202
CIELab	63.76, -12.06, 13.53
CIELCh	64, 18.130, 131.710
Yxy	32.5041, 0.3220, 0.3771
Android (android.graphics.Color)	4287537282 (0xFF8EA082)
YUV	151.1980, -10.4506, -8.0666
Hunter-Lab	57.0124, -12.8743, 12.9365

Details

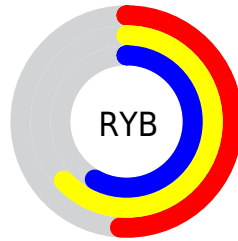
The Yxy color $32.5041, 0.3220, 0.3771$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $24.8075, 0.3017, 0.2819$, and the grayscale version is $31.0829, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.7555, 0.3205, 0.3674$, and $13.8067, 0.3246, 0.3942$ is the 20% darker color. If you saturate the color by 10%, you get $31.2947, 0.3266, 0.4058$, and if you desaturate by 10%, it is $33.8565, 0.3171, 0.3504$.

Distribution



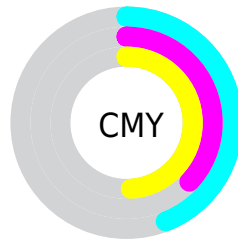
- Red (56%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)




- Cyan (44%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5041, 0.3220, 0.3771 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 32.5041, 0.3220, 0.3771 by changing the saturation by 10% instead.


 32.5041, 0.3220,
0.3771

 32.5041, 0.3220,
0.3771


313.4092, 0.3174,
0.3510

 21.7468, 0.3231,
0.3844


 63.6005, 0.3204,
0.3671

 13.6710, 0.3245,
0.3942


 84.7085, 0.3197,
0.3635

 7.8922, 0.3262,
0.4083


 110.0354, 0.3192,
0.3605

 4.0260, 0.3282,
0.4299

139.9658, 0.3187,
0.3580

 1.6881, 0.3320,
0.4698

174.8840, 0.3183,
0.3559

 0.4160, 0.1952,
0.8048

215.1743, 0.3180,

 0.0000, 0.0000,

0.3540

0.0000

261.2213, 0.3177,
0.3524

■ 32.5041, 0.3220,
0.3771

■ 32.5041, 0.3220,
0.3771

■ 31.2947, 0.3266,
0.4058

■ 33.8565, 0.3171,
0.3504

■ 30.2191, 0.3305,
0.4360

■ 35.3523, 0.3121,
0.3261

■ 29.2736, 0.3336,
0.4666

■ 36.9974, 0.3071,
0.3041

■ 28.4524, 0.3353,
0.4966

■ 38.7959, 0.3023,
0.2844

■ 27.7495, 0.3354,
0.5241

■ 40.7520, 0.2978,
0.2669

■ 27.1582, 0.3336,
0.5477

■ 42.8695, 0.2934,
0.2514

■ 26.6708, 0.3301,
0.5659

■ 45.1521, 0.2894,
0.2377

■ 26.2746, 0.3253,
0.5788

■ 47.4074, 0.2878,
0.2281

■ 26.2292, 0.3248,
0.5803

■ 48.9408, 0.2955,
0.2303

Harmonies

Analogous

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



32.5041, 0.3487, 0.3789



32.5041, 0.3220, 0.3771



32.5041, 0.2937, 0.3605

Triad

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



32.5041, 0.3220, 0.3771



32.5041, 0.2617, 0.2894



32.5041, 0.3555, 0.3216

Complementary

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



32.5041, 0.3220, 0.3771



24.8075, 0.3017, 0.2819

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.



32.5041, 0.3305, 0.3003



32.5041, 0.3220, 0.3771



32.5041, 0.2765, 0.2818

Square

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



32.5041, 0.3220, 0.3771



32.5041, 0.2597, 0.3083



32.5041, 0.3014, 0.2860



32.5041, 0.3688, 0.3456

Rectangle

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



32.5041, 0.3220, 0.3771



32.5041, 0.2777, 0.3437



32.5041, 0.3014, 0.2860



32.5041, 0.3482, 0.3140

Sweetspot

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



32.5055, 0.3220, 0.3771



62.1564, 0.3158, 0.3438



30.2695, 0.3433, 0.3569



13.5972, 0.3161, 0.3453



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.



32.5055, 0.3220, 0.3771



58.1775, 0.3237, 0.3875



31.5847, 0.3078, 0.3737



7.5238, 0.3173, 0.3517



20.4549, 0.3254, 0.5798



0.3896, 0.3578, 0.5541

Inverse Universe

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



24.8075, 0.3017, 0.2819



41.8799, 0.2991, 0.2720



25.8788, 0.3180, 0.2881



6.6224, 0.3077, 0.3065



3.9459, 0.2252, 0.1014



0.0947, 0.2646, 0.1231

Previews

White Background



This preview shows how the Yxy color 32.5041, 0.3220, 0.3771 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 32.5041, 0.3220, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

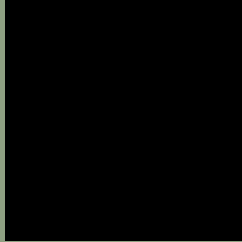
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5041, 0.3220, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 32.5041, 0.3220, 0.3771.



This preview shows how white text looks on a background with the Yxy color 32.5041, 0.3220, 0.3771.

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

32.5041, 0.3220, 0.3771

Protanopia

32.4300, 0.3479, 0.3700

Deuteranopia

32.1929, 0.3598, 0.3523



Tritanopia

32.5286, 0.2954, 0.3108

Trichromacy



Original Color

32.5041, 0.3220, 0.3771

Protanomaly

32.3040, 0.3379, 0.3725

Deuteranomaly

31.9877, 0.3456, 0.3608

Tritanomaly

32.5580, 0.3048, 0.3336

Monochromacy



Original Color

32.5041, 0.3220, 0.3771

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.3903, 0.3169, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5041, 0.3220, 0.3771 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(142, 160, 130)` looks like.

```
.text, #text, p{  
    color:rgb(142, 160, 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(142, 160, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 160, 130) }
```

Border

The CSS property to change the border of an element to Yxy 32.5041, 0.3220, 0.3771 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(142, 160, 130) }
```

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

```
.border{ border-color:rgb(142, 160, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 160, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 160, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 160, 130);  
box-shadow:4px 4px 4px 4px rgb(142, 160,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5041, 0.3220, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 160, 130) }
```

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

```
.background{ background-color: rgb(142,  
160, 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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