

Converting Colors

$Yxy(30.3067, 0.3223, 0.3644)$

Have a look what the booklet for
Yxy(30.3067, 0.3223, 0.3644)
contains.

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Color

Yxy(30.2608, 0.3232, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	8F9983
RGB	143, 153, 131
RGB Percent	56%, 60%, 51%
CMY	0.4391, 0.4000, 0.4863
CMYK	0.07, 0.00, 0.14, 0.40
HSL	87°, 10%, 56%
HSV	87°, 14%, 60%
XYZ	26.8174, 30.2608, 25.8963
YIQ	147.5020, 1.1020, -8.9620

Conversions

Conversions Part 2

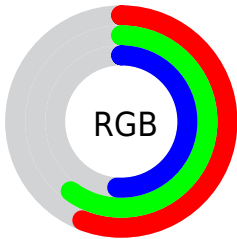
Format	Color
RYB	131, 153, 141
Decimal	9410947
CIELab	61.88, -7.74, 10.36
CIELCh	62, 12.933, 126.776
Yxy	30.2608, 0.3232, 0.3647
Android (android.graphics.Color)	4287601027 (0xFF8F9983)
YUV	147.5020, -8.1355, -3.9483
Hunter-Lab	55.0098, -9.2482, 10.5956

Details

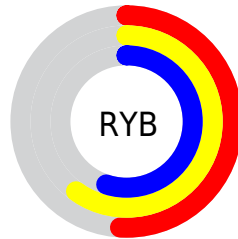
The Yxy color **30.2608, 0.3232, 0.3647** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1901, 0.3010, 0.2931**, and the grayscale version is **29.4318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9567, 0.3213, 0.3568**, and **12.4391, 0.3265, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **29.2771, 0.3303, 0.3917**, and if you desaturate by 10%, it is **31.3467, 0.3159, 0.3395**.

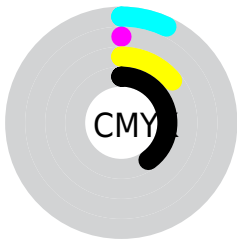
Distribution



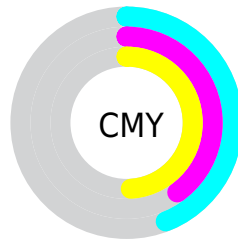
- Red (56%)
- Green (60%)
- Blue (51%)



- Red (51%)
- Yellow (60%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2608, 0.3232, 0.3647 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 30.2608, 0.3232, 0.3647 by changing the saturation by 10% instead.


 30.2608, 0.3232,
0.3647


 30.2608, 0.3232,
0.3647


303.1182, 0.3177,
0.3453


 20.0366, 0.3246,
0.3702


 60.0744, 0.3212,
0.3572

 12.4217, 0.3265,
0.3776


 80.4326, 0.3204,
0.3545

 7.0315, 0.3290,
0.3882


 104.9375, 0.3198,
0.3523

 3.4818, 0.3326,
0.4048

133.9737, 0.3193,
0.3505

 1.3882, 0.3402,
0.4370

167.9255, 0.3188,
0.3489

 0.2080, 0.0400,
0.9600

207.1772, 0.3184,

 0.0000, 0.0000,

0.3475

0.0000

252.1133, 0.3180,
0.3463

■ 30.2608, 0.3232,
0.3647

■ 30.2608, 0.3232,
0.3647

■ 29.2771, 0.3303,
0.3917

■ 31.3467, 0.3159,
0.3395

■ 28.3883, 0.3370,
0.4199

■ 32.5341, 0.3087,
0.3162

■ 27.5921, 0.3429,
0.4486

■ 33.8272, 0.3017,
0.2950

■ 26.8847, 0.3475,
0.4767

■ 35.2290, 0.2950,
0.2759

■ 26.2620, 0.3504,
0.5030

■ 36.7422, 0.2887,
0.2587

■ 25.7193, 0.3512,
0.5261

■ 38.3695, 0.2829,
0.2433

■ 25.2514, 0.3499,
0.5448

■ 40.1135, 0.2774,
0.2296

■ 24.8521, 0.3464,
0.5585

■ 41.9766, 0.2724,
0.2173

■ 24.6495, 0.3441,
0.5650

■ 43.0478, 0.2767,
0.2176

Harmonies

Analogous

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



30.2608, 0.3418, 0.3646



30.2608, 0.3232, 0.3647



30.2608, 0.3022, 0.3543

Triad

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



30.2608, 0.3232, 0.3647



30.2608, 0.2741, 0.3019



30.2608, 0.3414, 0.3209

Complementary

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



30.2608, 0.3232, 0.3647



24.1901, 0.3010, 0.2931

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.



30.2608, 0.3224, 0.3056



30.2608, 0.3232, 0.3647



30.2608, 0.2837, 0.2945

Square

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



30.2608, 0.3232, 0.3647



30.2608, 0.2744, 0.3171



30.2608, 0.3012, 0.2960



30.2608, 0.3527, 0.3387

Rectangle

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



30.2608, 0.3232, 0.3647



30.2608, 0.2897, 0.3429



30.2608, 0.3012, 0.2960



30.2608, 0.3357, 0.3154

Sweetspot

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



30.2621, 0.3232, 0.3647



56.2010, 0.3157, 0.3387



27.4294, 0.3363, 0.3449



12.3781, 0.3162, 0.3404



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.2621, 0.3232, 0.3647



53.6574, 0.3253, 0.3725



29.3337, 0.3121, 0.3659



7.0835, 0.3194, 0.3514



20.3924, 0.3446, 0.5646



0.3265, 0.3765, 0.5392

Inverse Universe

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



24.1901, 0.3010, 0.2931



40.8145, 0.2983, 0.2852



25.1956, 0.3131, 0.2944



6.1566, 0.3055, 0.3065



2.9776, 0.1958, 0.0852



0.0657, 0.2445, 0.1120

Previews

White Background



This preview shows how the Yxy color 30.2608, 0.3232, 0.3647 looks on a white background.

Color Contrast Check

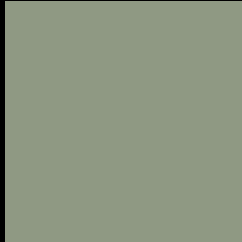
Large Text (above 18pt) WCAG AA × Fail

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 30.2608, 0.3232, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

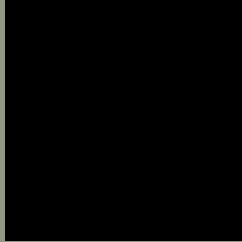
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2608, 0.3232, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 30.2608, 0.3232, 0.3647.



This preview shows how white text looks on a background with the Yxy color 30.2608, 0.3232, 0.3647.

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

30.2608, 0.3232, 0.3647

Protanopia

30.2480, 0.3408, 0.3603

Deuteranopia

30.1860, 0.3524, 0.3455



Tritanopia

30.2711, 0.2996, 0.3105

Trichromacy



Original Color

30.2608, 0.3232, 0.3647

Protanomaly

30.0998, 0.3342, 0.3607

Deuteranomaly

30.0070, 0.3415, 0.3522

Tritanomaly

30.1257, 0.3087, 0.3290

Monochromacy



Original Color

30.2608, 0.3232, 0.3647

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.8767, 0.3162, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2608, 0.3232, 0.3647 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, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 131)  
}
```

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, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.2608, 0.3232, 0.3647 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, 153, 131) }
```

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

```
.border{ border-color:rgb(143, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2608, 0.3232, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 131) }
```

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

```
.background{ background-color: rgb(143,  
153, 131) }
```

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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