

Converting Colors

$Yxy(30.4053, 0.3188, 0.3468)$

Have a look what the booklet for
Yxy(30.4053, 0.3188, 0.3468)
contains.

Yxy(30.2297, 0.3190, 0.3465)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.2297, 0.3190, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	93978C
RGB	147, 151, 140
RGB Percent	58%, 59%, 55%
CMY	0.4236, 0.4078, 0.4509
CMYK	0.03, 0.00, 0.07, 0.41
HSL	82°, 5%, 57%
HSV	82°, 7%, 59%
XYZ	27.8305, 30.2297, 29.1828
YIQ	148.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

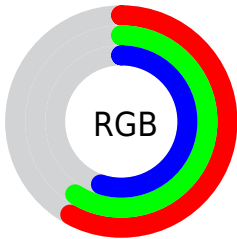
Format	Color
RYB	140, 151, 144
Decimal	9672588
CIELab	61.85, -3.55, 5.28
CIELCh	62, 6.360, 123.913
Yxy	30.2297, 0.3190, 0.3465
Android (android.graphics.Color)	4287862668 (0xFF93978C)
YUV	148.5500, -4.2152, -1.3594
Hunter-Lab	54.9815, -5.8647, 7.0175

Details

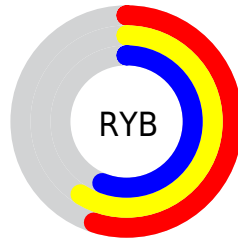
The Yxy color **30.2297, 0.3190, 0.3465** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9270, 0.3061, 0.3113**, and the grayscale version is **29.8734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9752, 0.3175, 0.3421**, and **12.3393, 0.3205, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **29.3164, 0.3277, 0.3720**, and if you desaturate by 10%, it is **31.2314, 0.3104, 0.3227**.

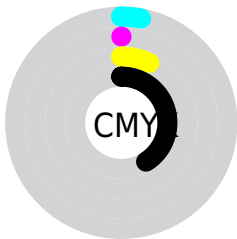
Distribution



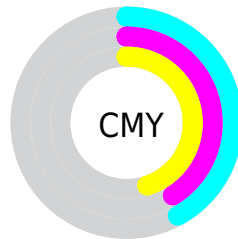
- Red (58%)
- Green (59%)
- Blue (55%)



- Red (55%)
- Yellow (59%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2297, 0.3190, 0.3465 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 30.2297, 0.3190, 0.3465 by changing the saturation by 10% instead.

■ 30.2297, 0.3190,
0.3465

■ 30.2297, 0.3190,
0.3465

■ 302.9737, 0.3157,
0.3371

■ 20.0130, 0.3199,
0.3491

■ 60.0252, 0.3177,
0.3429

■ 12.4045, 0.3211,
0.3527

■ 80.3729, 0.3173,
0.3416

■ 7.0198, 0.3228,
0.3578

■ 104.8663, 0.3169,
0.3405

■ 3.4745, 0.3253,
0.3656

■ 133.8899, 0.3166,
0.3396

■ 1.3842, 0.3295,
0.3793

■ 167.8280, 0.3163,
0.3388

■ 0.2050, 0.3455,
0.6545

■ 207.0651, 0.3161,

■ 0.0000, 0.0000,

0.3381

0.0000

251.9855, 0.3159,
0.3376

■ 30.2297, 0.3190,
0.3465

■ 30.2297, 0.3190,
0.3465

■ 29.3164, 0.3277,
0.3720

■ 31.2314, 0.3104,
0.3227

■ 28.4847, 0.3362,
0.3988

■ 32.3202, 0.3021,
0.3008

■ 27.7329, 0.3441,
0.4263


■ 33.5000, 0.2941,
0.2809


■ 27.0579, 0.3511,
0.4538


■ 34.7731, 0.2867,
0.2628


■ 26.4562, 0.3567,
0.4800


■ 36.1420, 0.2797,
0.2465

 25.9239, 0.3604,
0.5039

 37.6088, 0.2732,
0.2319


 25.4569, 0.3620,
0.5243

 39.1757, 0.2672,
0.2188

 25.0504, 0.3611,
0.5402

 40.4644, 0.2654,
0.2120

 24.6963, 0.3582,
0.5516

 41.1967, 0.2697,
0.2133

Harmonies

Analogous

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



30.2297, 0.3278, 0.3462



30.2297, 0.3190, 0.3465



30.2297, 0.3086, 0.3419

Triad

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



30.2297, 0.3190, 0.3465



30.2297, 0.2933, 0.3164



30.2297, 0.3260, 0.3243

Complementary

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



30.2297, 0.3190, 0.3465



26.9270, 0.3061, 0.3113

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.



30.2297, 0.3166, 0.3166



30.2297, 0.3190, 0.3465



30.2297, 0.2977, 0.3120

Square

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



30.2297, 0.3190, 0.3465



30.2297, 0.2939, 0.3243



30.2297, 0.3062, 0.3122



30.2297, 0.3319, 0.3332

Rectangle

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



30.2297, 0.3190, 0.3465



30.2297, 0.3022, 0.3367



30.2297, 0.3062, 0.3122



30.2297, 0.3232, 0.3215

Sweetspot

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



30.2310, 0.3190, 0.3465



55.0527, 0.3145, 0.3338



28.3781, 0.3242, 0.3351



12.5179, 0.3144, 0.3335



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.



30.2310, 0.3190, 0.3465



53.8106, 0.3206, 0.3512



29.7507, 0.3136, 0.3468



7.1097, 0.3207, 0.3514



20.9462, 0.3577, 0.5542



0.3336, 0.3857, 0.5320

Inverse Universe

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



26.9270, 0.3061, 0.3113



46.4464, 0.3043, 0.3065



27.4174, 0.3118, 0.3117



6.1310, 0.3042, 0.3064



2.6148, 0.1814, 0.0773



0.0586, 0.2293, 0.1037

Previews

White Background



This preview shows how the Yxy color 30.2297, 0.3190, 0.3465 looks on a white background.

Color Contrast Check

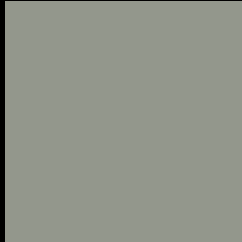
Large Text (above 18pt) WCAG AA × Fail

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 30.2297, 0.3190, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

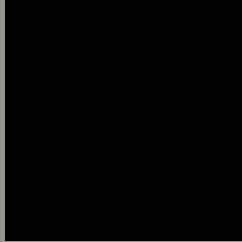
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

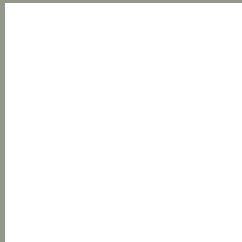
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2297, 0.3190, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 30.2297, 0.3190, 0.3465.



This preview shows how white text looks on a background with the Yxy color 30.2297, 0.3190, 0.3465.

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

30.2297, 0.3190, 0.3465

Protanopia

30.2290, 0.3276, 0.3446

Deuteranopia

30.0851, 0.3406, 0.3336



Tritanopia

30.2019, 0.3035, 0.3106

Trichromacy



Original Color

30.2297, 0.3190, 0.3465

Protanomaly

30.2561, 0.3243, 0.3463

Deuteranomaly

30.2641, 0.3324, 0.3382

Tritanomaly

30.1844, 0.3089, 0.3228

Monochromacy



Original Color

30.2297, 0.3190, 0.3465

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.1839, 0.3145, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2297, 0.3190, 0.3465 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(147, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 140)  
}
```

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(147, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 140) }
```

Border

The CSS property to change the border of an element to Yxy 30.2297, 0.3190, 0.3465 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(147, 151, 140) }
```

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

```
.border{ border-color:rgb(147, 151, 140) }
```

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

Here you see how a box with a 4 pixel rgb(147, 151, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2297, 0.3190, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 140) }
```

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

```
.background{ background-color: rgb(147,  
151, 140) }
```

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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