

Converting Colors

$Yxy(30.1362, 0.3303, 0.3533)$

Have a look what the booklet for
Yxy(30.1362, 0.3303, 0.3533)
contains.

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Color

Yxy(30.2093, 0.3302, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	989686
RGB	152, 150, 134
RGB Percent	60%, 59%, 53%
CMY	0.4040, 0.4117, 0.4745
CMYK	0.00, 0.01, 0.12, 0.40
HSL	53°, 8%, 56%
HSV	53°, 12%, 60%
XYZ	28.1544, 30.2093, 26.9010
YIQ	148.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

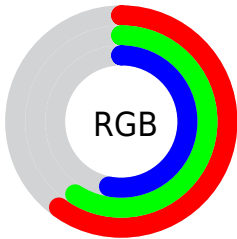
Format	Color
RYB	136, 152, 134
Decimal	10000006
CIELab	61.83, -2.19, 8.70
CIElCh	62, 8.972, 104.128
Yxy	30.2093, 0.3302, 0.3543
Android (android.graphics.Color)	4288190086 (0xFF989686)
YUV	148.7740, -7.2836, 2.8292
Hunter-Lab	54.9630, -4.7498, 9.4553

Details

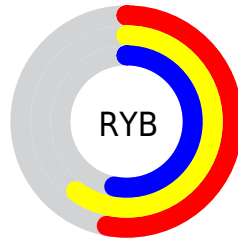
The Yxy color **30.2093, 0.3302, 0.3543** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9319, 0.2947, 0.3024**, and the grayscale version is **29.9833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8954, 0.3266, 0.3492**, and **12.3305, 0.3369, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **29.2911, 0.3457, 0.3764**, and if you desaturate by 10%, it is **31.1986, 0.3153, 0.3328**.

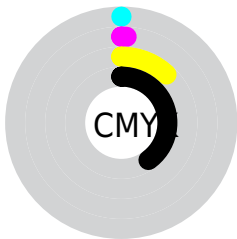
Distribution



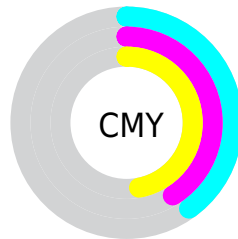
- Red (60%)
- Green (59%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (40%)




- Cyan (40%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2093, 0.3302, 0.3543 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 30.2093, 0.3302, 0.3543 by changing the saturation by 10% instead.


 30.2093, 0.3302,
0.3543


 30.2093, 0.3302,
0.3543


302.8788, 0.3209,
0.3407


 19.9975, 0.3327,
0.3581


 59.9930, 0.3267,
0.3491

 12.3932, 0.3362,
0.3632


 80.3337, 0.3254,
0.3472

 7.0121, 0.3410,
0.3704


 104.8195, 0.3243,
0.3457

 3.4697, 0.3482,
0.3815

133.8348, 0.3234,
0.3443

 1.3816, 0.3610,
0.4013

167.7640, 0.3226,
0.3432

 0.2031, 0.4073,
0.5927

206.9915, 0.3220,

 0.0000, 0.0000,

0.3423

0.0000

251.9016, 0.3214,
0.3414

■ 30.2093, 0.3302,
0.3543

■ 30.2093, 0.3302,
0.3543

■ 29.2911, 0.3457,
0.3764

■ 31.1986, 0.3153,
0.3328

■ 28.4373, 0.3616,
0.3985

■ 32.2575, 0.3014,
0.3123

■ 27.6466, 0.3774,
0.4199

■ 33.3896, 0.2884,
0.2931

■ 26.9159, 0.3926,
0.4397

■ 34.5972, 0.2766,
0.2752

■ 26.2418, 0.4065,
0.4570

■ 35.8823, 0.2657,
0.2587

■ 25.6208, 0.4185,
0.4710

■ 37.2469, 0.2559,
0.2437

■ 25.0485, 0.4281,
0.4810

■ 38.6931, 0.2471,
0.2299

■ 24.5202, 0.4351,
0.4867

■ 40.1854, 0.2394,
0.2180

■ 24.1106, 0.4395,
0.4892

■ 40.7794, 0.2397,
0.2200

Harmonies

Analogous

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



30.2093, 0.3393, 0.3492



30.2093, 0.3302, 0.3543



30.2093, 0.3166, 0.3524

Triad

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



30.2093, 0.3302, 0.3543



30.2093, 0.2852, 0.3180



30.2093, 0.3230, 0.3149

Complementary

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



30.2093, 0.3302, 0.3543



24.9319, 0.2947, 0.3024

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.



30.2093, 0.3084, 0.3070



30.2093, 0.3302, 0.3543



30.2093, 0.2867, 0.3084

Square

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



30.2093, 0.3302, 0.3543



30.2093, 0.2907, 0.3310



30.2093, 0.2951, 0.3045



30.2093, 0.3351, 0.3265

Rectangle

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



30.2093, 0.3302, 0.3543



30.2093, 0.3068, 0.3472



30.2093, 0.2951, 0.3045



30.2093, 0.3182, 0.3118

Sweetspot

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



30.2106, 0.3302, 0.3543



54.6866, 0.3186, 0.3376



25.5034, 0.3310, 0.3257



12.4010, 0.3197, 0.3391



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.



30.2106, 0.3302, 0.3543



52.9374, 0.3339, 0.3597



30.1963, 0.3226, 0.3579



7.1078, 0.3263, 0.3487



20.2515, 0.4394, 0.4893



0.3313, 0.4294, 0.4972

Inverse Universe

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



24.9319, 0.2947, 0.3024



41.8729, 0.2906, 0.2964



24.9695, 0.3019, 0.2997



6.1295, 0.2988, 0.3086



2.2511, 0.1527, 0.0698



0.0586, 0.1644, 0.1119

Previews

White Background



This preview shows how the Yxy color 30.2093, 0.3302, 0.3543 looks on a white background.

Color Contrast Check

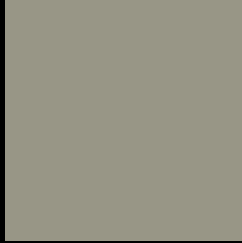
Large Text (above 18pt) WCAG AA × Fail

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 30.2093, 0.3302, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

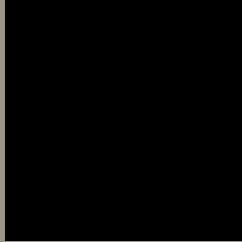
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

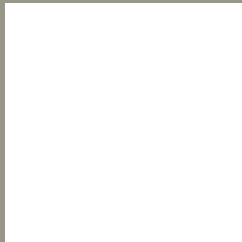
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2093, 0.3302, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 30.2093, 0.3302, 0.3543.



This preview shows how white text looks on a background with the Yxy color 30.2093, 0.3302, 0.3543.

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

30.2093, 0.3302, 0.3543

Protanopia

30.2563, 0.3357, 0.3540

Deuteranopia

30.1308, 0.3491, 0.3426



Tritanopia

30.3046, 0.3104, 0.3123

Trichromacy



Original Color

30.2093, 0.3302, 0.3543

Protanomaly

30.1569, 0.3346, 0.3541

Deuteranomaly

30.0936, 0.3420, 0.3459

Tritanomaly

30.2198, 0.3180, 0.3275

Monochromacy



Original Color

30.2093, 0.3302, 0.3543

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.9925, 0.3185, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2093, 0.3302, 0.3543 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(152, 150, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 150, 134)  
}
```

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(152, 150, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 150, 134) }
```

Border

The CSS property to change the border of an element to Yxy 30.2093, 0.3302, 0.3543 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(152, 150, 134) }
```

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

```
.border{ border-color:rgb(152, 150, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 150, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 150, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 150, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 150,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2093, 0.3302, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 150, 134) }
```

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

```
.background{ background-color: rgb(152,  
150, 134) }
```

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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