

Converting Colors

$Y_{xy}(30.1043, 0.3556, 0.3500)$

Have a look what the booklet for
Yxy(30.1043, 0.3556, 0.3500)
contains.

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Color

Yxy(30.1043, 0.3556, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	AA9082
RGB	170, 144, 130
RGB Percent	67%, 56%, 51%
CMY	0.3332, 0.4353, 0.4901
CMYK	0.00, 0.15, 0.24, 0.33
HSL	21°, 19%, 59%
HSV	21°, 24%, 67%
XYZ	30.5860, 30.1043, 25.3220
YIQ	150.1780, 19.9900, 1.1580

Conversions

Conversions Part 2

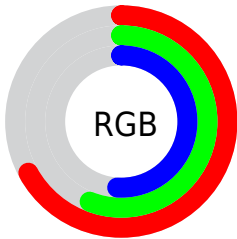
Format	Color
RYB	170, 152, 130
Decimal	11178114
CIELab	61.74, 7.53, 11.05
CIElCh	62, 13.372, 55.725
Yxy	30.1043, 0.3556, 0.3500
Android (android.graphics.Color)	4289368194 (0xFFAA9082)
YUV	150.1780, -9.9478, 17.3839
Hunter-Lab	54.8674, 3.4874, 11.0441

Details

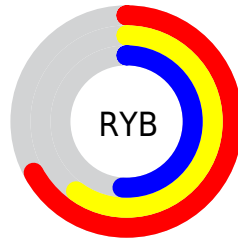
The Yxy color **30.1043, 0.3556, 0.3500** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4457, 0.2769, 0.3070**, and the grayscale version is **30.6177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9758, 0.3468, 0.3461**, and **12.3814, 0.3695, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **26.4973, 0.3791, 0.3595**, and if you desaturate by 10%, it is **34.1181, 0.3354, 0.3407**.

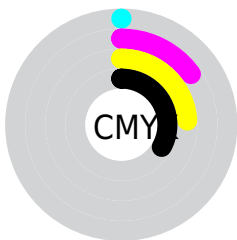
Distribution



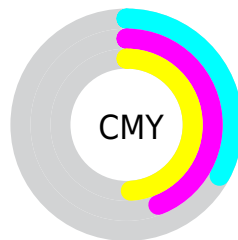
- Red (67%)
- Green (56%)
- Blue (51%)



- Red (67%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (33%)





- Cyan (33%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1043, 0.3556, 0.3500 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 30.1043, 0.3556, 0.3500 by changing the saturation by 10% instead.


 30.1043, 0.3556,
0.3500


 30.1043, 0.3556,
0.3500

302.3903, 0.3325,
0.3391


 19.9178, 0.3620,
0.3529


 59.8271, 0.3467,
0.3459

 12.3353, 0.3706,
0.3566


 80.1321, 0.3436,
0.3444

 6.9725, 0.3828,
0.3616


 104.5788, 0.3409,
0.3432

 3.4449, 0.4015,
0.3688

133.5515, 0.3387,
0.3421

 1.3682, 0.4371,
0.3829

167.4346, 0.3368,
0.3412

 0.1931, 0.6555,
0.3445

206.6125, 0.3351,

 0.0000, 0.0000,

0.3404

0.0000

251.4696, 0.3337,
0.3397

■ 30.1043, 0.3556,
0.3500

■ 30.1043, 0.3556,
0.3500

■ 26.4973, 0.3791,
0.3595

■ 34.1181, 0.3354,
0.3407

■ 23.2797, 0.4061,
0.3688

■ 38.5469, 0.3182,
0.3320

■ 20.4392, 0.4366,
0.3772

■ 43.4040, 0.3035,
0.3238

■ 17.9609, 0.4697,
0.3837

■ 48.7010, 0.2910,
0.3162

■ 15.8290, 0.5039,
0.3872

■ 54.4486, 0.2804,
0.3093

■ 14.0264, 0.5370,
0.3865

■ 60.6576, 0.2712,
0.3030

■ 12.5338, 0.5659,
0.3808

■ 67.3381, 0.2634,
0.2973

■ 11.7178, 0.5825,
0.3757

■ 73.7684, 0.2620,
0.3037

■ 80.2130, 0.2636,
0.3163

Harmonies

Analogous

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



30.1043, 0.3510, 0.3322



30.1043, 0.3556, 0.3500



30.1043, 0.3482, 0.3631

Triad

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



30.1043, 0.3556, 0.3500



30.1043, 0.2895, 0.3441



30.1043, 0.2934, 0.2932

Complementary

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



30.1043, 0.3556, 0.3500



31.4457, 0.2769, 0.3070

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.



30.1043, 0.2779, 0.2951



30.1043, 0.3556, 0.3500



30.1043, 0.2758, 0.3238

Square

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



30.1043, 0.3556, 0.3500



30.1043, 0.3097, 0.3604



30.1043, 0.2716, 0.3059



30.1043, 0.3146, 0.3003

Rectangle

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



30.1043, 0.3556, 0.3500



30.1043, 0.3377, 0.3671



30.1043, 0.2716, 0.3059



30.1043, 0.2874, 0.2928

Sweetspot

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



30.1057, 0.3556, 0.3500



66.9371, 0.3240, 0.3351



26.9424, 0.3296, 0.2900



14.8239, 0.3250, 0.3356



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.



30.1057, 0.3556, 0.3500



51.2570, 0.3669, 0.3547



36.4852, 0.3495, 0.3775



7.9549, 0.3277, 0.3369



8.7122, 0.5805, 0.3772



0.3076, 0.5185, 0.4265

Inverse Universe

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



31.4457, 0.2769, 0.3070



54.0915, 0.2694, 0.3017



25.4518, 0.2744, 0.2753



8.0844, 0.2987, 0.3209



10.5448, 0.1924, 0.2126



0.3469, 0.2043, 0.2556

Previews

White Background



This preview shows how the Yxy color 30.1043, 0.3556, 0.3500 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 30.1043, 0.3556, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

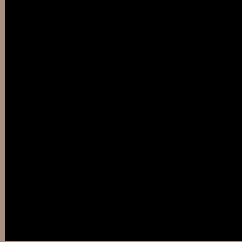
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1043, 0.3556, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 30.1043, 0.3556, 0.3500.



This preview shows how white text looks on a background with the Yxy color 30.1043, 0.3556, 0.3500.

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

30.1043, 0.3556, 0.3500

Protanopia

30.2288, 0.3367, 0.3556

Deuteranopia

30.2162, 0.3567, 0.3500



Tritanopia

30.2010, 0.3362, 0.3131

Trichromacy



Original Color

30.1043, 0.3556, 0.3500

Protanomaly

30.0832, 0.3437, 0.3537

Deuteranomaly

30.2162, 0.3567, 0.3500

Tritanomaly

30.1303, 0.3434, 0.3262

Monochromacy



Original Color

30.1043, 0.3556, 0.3500

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.3311, 0.3270, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1043, 0.3556, 0.3500 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(170, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(170, 144, 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(170, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 144, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.1043, 0.3556, 0.3500 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(170, 144, 130) }
```

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

```
.border{ border-color:rgb(170, 144, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(170, 144,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1043, 0.3556, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 144, 130) }
```

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

```
.background{ background-color: rgb(170,  
144, 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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