

Converting Colors

$Yxy(29.9795, 0.3514, 0.3405)$

Have a look what the booklet for
Yxy(29.9795, 0.3514, 0.3405)
contains.

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Color

Yxy(30.0521, 0.3516, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	AB8F87
RGB	171, 143, 135
RGB Percent	67%, 56%, 53%
CMY	0.3295, 0.4392, 0.4706
CMYK	0.00, 0.16, 0.21, 0.33
HSL	13°, 18%, 60%
HSV	13°, 21%, 67%
XYZ	30.9863, 30.0521, 27.0910
YIQ	150.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

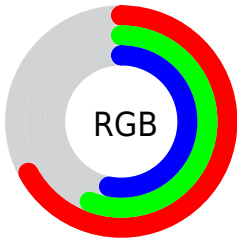
Format	Color
RYB	171, 145, 135
Decimal	11243399
CIELab	61.70, 9.21, 8.17
CIELCh	62, 12.315, 41.576
Yxy	30.0521, 0.3516, 0.3410
Android (android.graphics.Color)	4289433479 (0xFFAB8F87)
YUV	150.4600, -7.6218, 18.0136
Hunter-Lab	54.8198, 4.9605, 9.0738

Details

The Yxy color **30.0521, 0.3516, 0.3410** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.2733, 0.2812, 0.3167**, and the grayscale version is **30.7317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8942, 0.3439, 0.3392**, and **12.3361, 0.3654, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **25.8524, 0.3759, 0.3471**, and if you desaturate by 10%, it is **34.8047, 0.3312, 0.3351**.

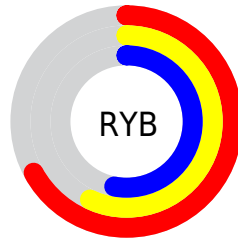
Distribution



Red (67%)

Green (56%)

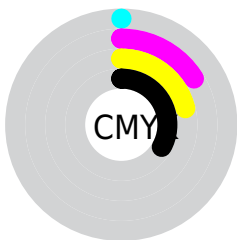
Blue (53%)



Red (67%)

Yellow (57%)

Blue (53%)

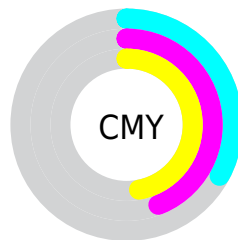


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (33%)



Cyan (33%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0521, 0.3516, 0.3410 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 30.0521, 0.3516, 0.3410 by changing the saturation by 10% instead.


 30.0521, 0.3516,
0.3410


 30.0521, 0.3516,
0.3410

302.1472, 0.3306,
0.3349


 19.8781, 0.3574,
0.3426


 59.7446, 0.3436,
0.3387

 12.3065, 0.3653,
0.3446


 80.0318, 0.3407,
0.3379

 6.9528, 0.3765,
0.3473


 104.4590, 0.3383,
0.3372

 3.4326, 0.3936,
0.3510

133.4105, 0.3362,
0.3366

 1.3615, 0.4236,
0.3566

167.2707, 0.3345,
0.3361

 0.1881, 0.6821,
0.3179

206.4239, 0.3330,

 0.0000, 0.0000,

0.3356

0.0000

251.2546, 0.3317,
0.3352

■ 30.0521, 0.3516,
0.3410

■ 30.0521, 0.3516,
0.3410

■ 25.8524, 0.3759,
0.3471

■ 34.8047, 0.3312,
0.3351

■ 22.1814, 0.4048,
0.3531

■ 40.1253, 0.3143,
0.3296

■ 19.0191, 0.4382,
0.3586


■ 46.0332, 0.3002,
0.3244

■ 16.3426, 0.4758,
0.3628


■ 52.5459, 0.2884,
0.3198

■ 14.1273, 0.5157,
0.3646


■ 59.6799, 0.2785,
0.3155

 12.3463, 0.5547,
0.3633


 67.4512, 0.2702,
0.3116

 10.9696, 0.5884,
0.3583

 75.8753, 0.2631,
0.3081

 10.0453, 0.6125,
0.3519

 83.8381, 0.2649,
0.3227

 87.3950, 0.2657,
0.3289

Harmonies

Analogous

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



30.0521, 0.3424, 0.3240



30.0521, 0.3516, 0.3410



30.0521, 0.3499, 0.3556

Triad

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



30.0521, 0.3516, 0.3410



30.0521, 0.2997, 0.3507



30.0521, 0.2873, 0.2957

Complementary

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



30.0521, 0.3516, 0.3410



34.2733, 0.2812, 0.3167

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.



30.0521, 0.2767, 0.3015



30.0521, 0.3516, 0.3410



30.0521, 0.2836, 0.3332

Square

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



30.0521, 0.3516, 0.3410



30.0521, 0.3196, 0.3621



30.0521, 0.2754, 0.3150



30.0521, 0.3049, 0.2984

Rectangle

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



30.0521, 0.3516, 0.3410



30.0521, 0.3430, 0.3619



30.0521, 0.2754, 0.3150



30.0521, 0.2828, 0.2967

Sweetspot

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



30.0535, 0.3516, 0.3410



66.9251, 0.3225, 0.3323



28.6355, 0.3231, 0.2884



14.7920, 0.3236, 0.3327



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.



30.0535, 0.3516, 0.3410



50.4074, 0.3618, 0.3437



35.8185, 0.3465, 0.3665



8.2938, 0.3281, 0.3341



7.6422, 0.6109, 0.3532



0.2925, 0.5546, 0.3979

Inverse Universe

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



34.2733, 0.2812, 0.3167



59.2627, 0.2748, 0.3138



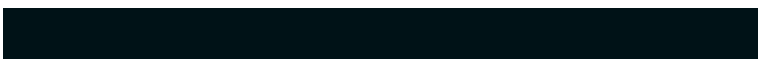
28.4018, 0.2793, 0.2885



8.7650, 0.2986, 0.3238



14.9288, 0.2047, 0.2568



0.4891, 0.2114, 0.2811

Previews

White Background



This preview shows how the Yxy color 30.0521, 0.3516, 0.3410 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0521, 0.3516, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

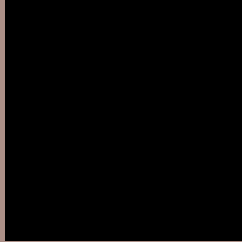
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0521, 0.3516, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 30.0521, 0.3516, 0.3410.



This preview shows how white text looks on a background with the Yxy color 30.0521, 0.3516, 0.3410.

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

30.0521, 0.3516, 0.3410

Protanopia

30.1999, 0.3286, 0.3462

Deuteranopia

30.1308, 0.3491, 0.3426



Tritanopia

30.1684, 0.3372, 0.3146

Trichromacy



Original Color

30.0521, 0.3516, 0.3410

Protanomaly

30.1472, 0.3364, 0.3444

Deuteranomaly

30.2418, 0.3502, 0.3425

Tritanomaly

30.1610, 0.3423, 0.3247

Monochromacy



Original Color

30.0521, 0.3516, 0.3410

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.1809, 0.3262, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0521, 0.3516, 0.3410 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(171, 143, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 143, 135)  
}
```

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(171, 143, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 143, 135) }
```

Border

The CSS property to change the border of an element to Yxy 30.0521, 0.3516, 0.3410 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(171, 143, 135) }
```

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

```
.border{ border-color:rgb(171, 143, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 143, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 143, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 143, 135); box-shadow:4px 4px 4px 4px rgb(171, 143, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0521, 0.3516, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 143, 135) }
```

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

```
.background{ background-color: rgb(171,  
143, 135) }
```

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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