

Converting Colors

$Yxy(29.0953, 0.3483, 0.3446)$

Have a look what the booklet for
Yxy(29.0953, 0.3483, 0.3446)
contains.

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Color

Yxy(29.0113, 0.3484, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	A58E84
RGB	165, 142, 132
RGB Percent	65%, 56%, 52%
CMY	0.3531, 0.4431, 0.4824
CMYK	0.00, 0.14, 0.20, 0.35
HSL	18°, 15%, 58%
HSV	18°, 20%, 65%
XYZ	29.3482, 29.0113, 25.8777
YIQ	147.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

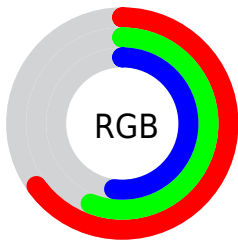
Format	Color
R_{YB}	165, 146, 132
Decimal	10849924
CIE _{Lab}	60.79, 6.95, 8.51
CIE _{LCh}	61, 10.991, 50.773
Yxy	29.0113, 0.3484, 0.3444
Android (android.graphics.Color)	4289040004 (0xFFA58E84)
YUV	147.7370, -7.7583, 15.1397
Hunter-Lab	53.8621, 3.0018, 9.2180

Details

The Yxy color $29.0113, 0.3484, 0.3444$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.0391, 0.2825, 0.3131$, and the grayscale version is $29.5256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1983, 0.3407, 0.3418$, and $11.7895, 0.3609, 0.3488$ is the 20% darker color. If you saturate the color by 10%, you get $25.3542, 0.3712, 0.3526$, and if you desaturate by 10%, it is $33.0942, 0.3291, 0.3365$.

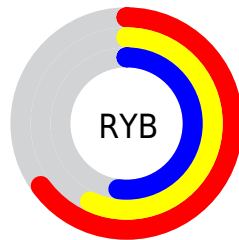
Distribution



Red (65%)

Green (56%)

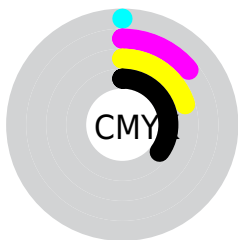
Blue (52%)



Red (65%)

Yellow (57%)

Blue (52%)

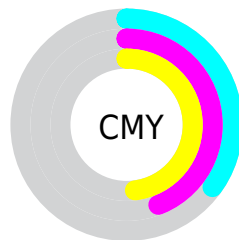


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (44%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0113, 0.3484, 0.3444 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 29.0113, 0.3484, 0.3444 by changing the saturation by 10% instead.


 29.0113, 0.3484,
0.3444


 29.0113, 0.3484,
0.3444


297.2683, 0.3290,
0.3363

 19.0894, 0.3538,
0.3465


 58.0950, 0.3410,
0.3414

 11.7349, 0.3611,
0.3493


 78.0256, 0.3383,
0.3403

 6.5634, 0.3716,
0.3532


 102.0612, 0.3361,
0.3393

 3.1906, 0.3878,
0.3587

130.5863, 0.3342,
0.3386

 1.2320, 0.4187,
0.3696

163.9851, 0.3326,
0.3379

 0.0876, 0.7427,
0.2573

202.6421, 0.3313,

 0.0000, 0.0000,

0.3373

0.0000

246.9417, 0.3301,
0.3368

■ 29.0113, 0.3484,
0.3444

■ 29.0113, 0.3484,
0.3444

■ 25.3542, 0.3712,
0.3526

■ 33.0942, 0.3291,
0.3365

■ 22.1050, 0.3978,
0.3609

■ 37.6121, 0.3127,
0.3290

■ 19.2503, 0.4282,
0.3685

■ 42.5792, 0.2989,
0.3221

■ 16.7744, 0.4621,
0.3747

■ 48.0074, 0.2872,
0.3157

■ 14.6605, 0.4982,
0.3785

■ 53.9085, 0.2773,
0.3099

■ 12.8905, 0.5340,
0.3787

■ 60.2938, 0.2688,
0.3047

■ 11.4445, 0.5664,
0.3745

■ 67.1740, 0.2615,
0.2999

■ 10.2936, 0.5936,
0.3668

■ 73.9693, 0.2596,
0.3051

■ 10.2925, 0.5937,
0.3668

■ 80.7118, 0.2614,
0.3181

Harmonies

Analogous

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



29.0113, 0.3430, 0.3292



29.0113, 0.3484, 0.3444



29.0113, 0.3439, 0.3561

Triad

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



29.0113, 0.3484, 0.3444



29.0113, 0.2960, 0.3441



29.0113, 0.2941, 0.2988

Complementary

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



29.0113, 0.3484, 0.3444



31.0391, 0.2825, 0.3131

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.



29.0113, 0.2822, 0.3017



29.0113, 0.3484, 0.3444



29.0113, 0.2833, 0.3276

Square

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



29.0113, 0.3484, 0.3444



29.0113, 0.3133, 0.3565



29.0113, 0.2783, 0.3121



29.0113, 0.3113, 0.3035

Rectangle

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



29.0113, 0.3484, 0.3444



29.0113, 0.3360, 0.3602



29.0113, 0.2783, 0.3121



29.0113, 0.2894, 0.2989

Sweetspot

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



29.0126, 0.3484, 0.3444



62.3459, 0.3224, 0.3335



26.8632, 0.3254, 0.2945



13.5244, 0.3234, 0.3340



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.0126, 0.3484, 0.3444



48.9762, 0.3581, 0.3481



34.2400, 0.3439, 0.3684



7.4211, 0.3278, 0.3359



7.8694, 0.5919, 0.3683



0.2450, 0.5252, 0.4212

Inverse Universe

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



31.0391, 0.2825, 0.3131



53.2744, 0.2759, 0.3091



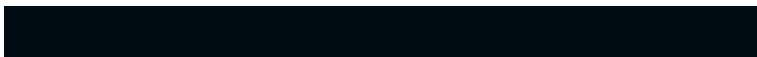
25.9642, 0.2809, 0.2863



7.6458, 0.2987, 0.3220



11.3876, 0.1969, 0.2287



0.3164, 0.2081, 0.2693

Previews

White Background



This preview shows how the Yxy color 29.0113, 0.3484, 0.3444 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 29.0113, 0.3484, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

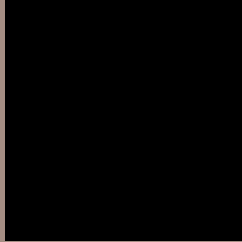
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0113, 0.3484, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 29.0113, 0.3484, 0.3444.



This preview shows how white text looks on a background with the Yxy color 29.0113, 0.3484, 0.3444.

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

29.0113, 0.3484, 0.3444

Protanopia

28.9544, 0.3310, 0.3481

Deuteranopia

28.8227, 0.3498, 0.3428



Tritanopia

28.8827, 0.3321, 0.3127

Trichromacy



Original Color

29.0113, 0.3484, 0.3444

Protanomaly

29.1124, 0.3377, 0.3478

Deuteranomaly

28.8227, 0.3498, 0.3428

Tritanomaly

28.8463, 0.3382, 0.3246

Monochromacy



Original Color

29.0113, 0.3484, 0.3444

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.3808, 0.3251, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0113, 0.3484, 0.3444 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(165, 142, 132)` looks like.

```
.text, #text, p{  
    color:rgb(165, 142, 132)  
}
```

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(165, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 142, 132) }
```

Border

The CSS property to change the border of an element to Yxy 29.0113, 0.3484, 0.3444 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(165, 142, 132) }
```

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

```
.border{ border-color:rgb(165, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(165, 142,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0113, 0.3484, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 142, 132) }
```

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

```
.background{ background-color: rgb(165,  
142, 132) }
```

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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