

Converting Colors

$Y_{xy}(29.0373, 0.3557, 0.4314)$

Have a look what the booklet for
Yxy(29.0373, 0.3557, 0.4314)
contains.

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Color

$\text{Yxy}(29.0268, 0.3561, 0.4320)$

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 8B995B |
| RGB | 139, 153, 91 |
| RGB Percent | 55%, 60%, 36% |
| CMY | 0.4549, 0.4000, 0.6432 |
| CMYK | 0.09, 0.00, 0.41, 0.40 |
| HSL | 74°, 25%, 48% |
| HSV | 74°, 41%, 60% |
| XYZ | 23.9270, 29.0268, 14.2379 |
| YIQ | 141.7460, 11.5580, -22.2500 |

Conversions

Conversions Part 2

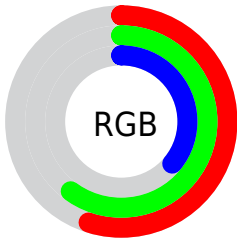
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 91, 153, 105 |
| Decimal | 9148763 |
| CIE Lab | 60.81, -15.35, 30.91 |
| CIE LCh | 61, 34.510, 116.408 |
| Yxy | 29.0268, 0.3561, 0.4320 |
| Android (android.graphics.Color) | 4287338843 (0xFF8B995B) |
| YUV | 141.7460, -25.0178, -2.4082 |
| Hunter-Lab | 53.8765, -15.0108, 22.0450 |

Details

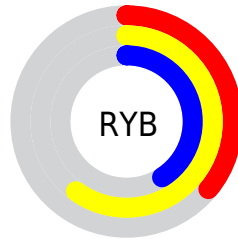
The Yxy color **29.0268, 0.3561, 0.4320** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.7848, 0.2557, 0.2134**, and the grayscale version is **27.0424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9161, 0.3482, 0.4099**, and **11.7519, 0.3680, 0.4695** is the 20% darker color. If you saturate the color by 10%, you get **28.4976, 0.3651, 0.4571**, and if you desaturate by 10%, it is **29.6218, 0.3459, 0.4060**.

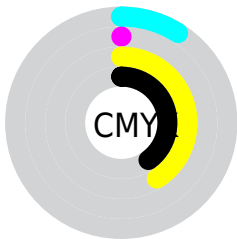
Distribution



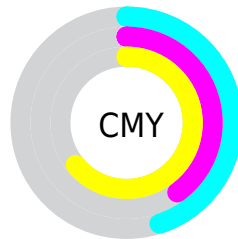
- Red (55%)
- Green (60%)
- Blue (36%)



- Red (36%)
- Yellow (60%)
- Blue (41%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)





- Cyan (45%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0268, 0.3561, 0.4320 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 29.0268, 0.3561, 0.4320 by changing the saturation by 10% instead.


 29.0268, 0.3561,
0.4320


 29.0268, 0.3561,
0.4320


297.3414, 0.3343,
0.3752

 19.1011, 0.3612,
0.4478


 58.1197, 0.3483,
0.4101

 11.7434, 0.3672,
0.4691


 78.0556, 0.3454,
0.4023

 6.5692, 0.3738,
0.4987


 102.0971, 0.3428,
0.3958

 3.1942, 0.3872,
0.5528

 130.6285, 0.3406,
0.3903

 1.2339, 0.3819,
0.6181

164.0343, 0.3387,
0.3857

 0.0891, 0.0000,
1.0000

202.6987, 0.3371,

 0.0000, 0.0000,

0.3817

0.0000

247.0063, 0.3356,
0.3783

■ 29.0268, 0.3561,
0.4320

■ 29.0268, 0.3561,
0.4320

■ 28.4976, 0.3651,
0.4571

■ 29.6218, 0.3459,
0.4060

■ 28.0271, 0.3726,
0.4802

■ 30.2818, 0.3352,
0.3799

■ 27.6126, 0.3780,
0.5002


■ 31.0111, 0.3242,
0.3544


■ 27.2500, 0.3810,
0.5164


■ 31.8123, 0.3133,
0.3302

■ 26.9343, 0.3816,
0.5281

■ 32.6879, 0.3028,
0.3076

 26.6670, 0.3805,
0.5361

 33.6403, 0.2928,
0.2866

 34.6719, 0.2834,
0.2674

 35.7848, 0.2746,
0.2500

 36.9812, 0.2666,
0.2342

Harmonies

Analogous

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



29.0268, 0.4021, 0.4149



29.0268, 0.3561, 0.4320



29.0268, 0.3008, 0.4156

Triad

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



29.0268, 0.3561, 0.4320



29.0268, 0.2116, 0.2661



29.0268, 0.3738, 0.2922

Complementary

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



29.0268, 0.3561, 0.4320



12.7848, 0.2557, 0.2134

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.



29.0268, 0.3168, 0.2597



29.0268, 0.3561, 0.4320



29.0268, 0.2267, 0.2433

Square

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



29.0268, 0.3561, 0.4320



29.0268, 0.2199, 0.3104



29.0268, 0.2635, 0.2420



29.0268, 0.4148, 0.3339

Rectangle

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



29.0268, 0.3561, 0.4320



29.0268, 0.2663, 0.3860



29.0268, 0.2635, 0.2420



29.0268, 0.3555, 0.2800

Sweetspot

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



29.0281, 0.3561, 0.4320



55.3018, 0.3260, 0.3587



17.5156, 0.4023, 0.3520



12.1769, 0.3273, 0.3616



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.



29.0281, 0.3561, 0.4320



51.0833, 0.3647, 0.4557



26.7627, 0.3238, 0.4436



7.1526, 0.3227, 0.3512



22.0538, 0.3808, 0.5359



0.3452, 0.3991, 0.5213

Inverse Universe

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



12.7848, 0.2557, 0.2134



17.7558, 0.2391, 0.1828



14.9686, 0.2939, 0.2250



6.0903, 0.3021, 0.3062



2.2027, 0.1638, 0.0676



0.0470, 0.2021, 0.0887

Previews

White Background



This preview shows how the Yxy color 29.0268, 0.3561, 0.4320 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 29.0268, 0.3561, 0.4320 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 29.0268, 0.3561, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 29.0268, 0.3561, 0.4320.



This preview shows how white text looks on a background with the Yxy color 29.0268, 0.3561, 0.4320.

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

29.0268, 0.3561, 0.4320

Protanopia

29.0623, 0.3850, 0.4185

Deuteranopia

28.7944, 0.4031, 0.3961



Tritanopia

28.8882, 0.3033, 0.3102

Trichromacy



Original Color

29.0268, 0.3561, 0.4320

Protanomaly

28.9085, 0.3737, 0.4229

Deuteranomaly

28.8276, 0.3858, 0.4088

Tritanomaly

28.8026, 0.3230, 0.3534

Monochromacy



Original Color

29.0268, 0.3561, 0.4320

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6505, 0.3301, 0.3674

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0268, 0.3561, 0.4320 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(139, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 91)  
}
```

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(139, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 91) }
```

Border

The CSS property to change the border of an element to Yxy 29.0268, 0.3561, 0.4320 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(139, 153, 91) }
```

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

```
.border{ border-color:rgb(139, 153, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0268, 0.3561, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 91) }
```

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

```
.background{ background-color: rgb(139,  
153, 91) }
```

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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