

Converting Colors

$Y_{xy}(29.1576, 0.3467, 0.3502)$

Have a look what the booklet for
Yxy(29.1576, 0.3467, 0.3502)
contains.

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Color

Yxy(29.2396, 0.3466, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	A29082
RGB	162, 144, 130
RGB Percent	64%, 56%, 51%
CMY	0.3648, 0.4352, 0.4902
CMYK	0.00, 0.11, 0.20, 0.36
HSL	26°, 15%, 57%
HSV	26°, 20%, 64%
XYZ	28.8978, 29.2396, 25.2376
YIQ	147.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

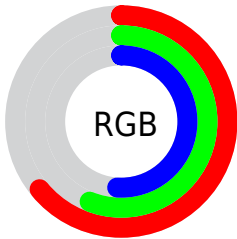
Format	Color
RYB	162, 155, 130
Decimal	10653826
CIELab	60.99, 4.35, 9.89
CIELCh	61, 10.804, 66.276
Yxy	29.2396, 0.3466, 0.3507
Android (android.graphics.Color)	4288843906 (0xFFA29082)
YUV	147.7860, -8.7685, 12.4657
Hunter-Lab	54.0737, 0.7642, 10.1793

Details

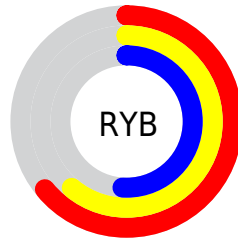
The Yxy color **29.2396, 0.3466, 0.3507** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5166, 0.2825, 0.3063**, and the grayscale version is **29.5521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5588, 0.3394, 0.3465**, and **11.9145, 0.3580, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **26.1943, 0.3676, 0.3624**, and if you desaturate by 10%, it is **32.5780, 0.3282, 0.3394**.

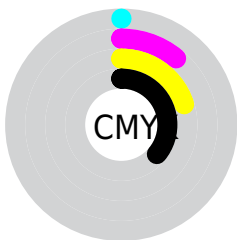
Distribution



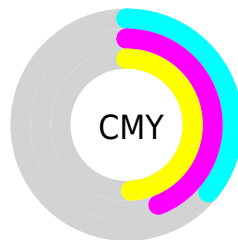
- Red (64%)
- Green (56%)
- Blue (51%)



- Red (64%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (20%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2396, 0.3466, 0.3507 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 29.2396, 0.3466, 0.3507 by changing the saturation by 10% instead.


 29.2396, 0.3466,
0.3507


 29.2396, 0.3466,
0.3507

298.3438, 0.3283,
0.3392

 19.2621, 0.3517,
0.3538


 58.4575, 0.3396,
0.3463

 11.8599, 0.3586,
0.3579


 78.4668, 0.3370,
0.3448

 6.6483, 0.3684,
0.3637


 102.5889, 0.3350,
0.3434

 3.2432, 0.3834,
0.3721

131.2080, 0.3332,
0.3423

 1.2600, 0.4138,
0.3900

164.7087, 0.3317,
0.3414

 0.1099, 0.6571,
0.3429

203.4753, 0.3304,

 0.0000, 0.0000,

0.3405

0.0000

247.8922, 0.3293,
0.3398

■ 29.2396, 0.3466,
0.3507

■ 29.2396, 0.3466,
0.3507

■ 26.1943, 0.3676,
0.3624

■ 32.5780, 0.3282,
0.3394

■ 23.4298, 0.3914,
0.3741

■ 36.2135, 0.3123,
0.3287

■ 20.9384, 0.4180,
0.3851

■ 40.1551, 0.2986,
0.3188

■ 18.7109, 0.4466,
0.3946

■ 44.4103, 0.2867,
0.3096

■ 16.7372, 0.4765,
0.4014

■ 48.9861, 0.2764,
0.3012

■ 15.0064, 0.5059,
0.4043

■ 53.8893, 0.2675,
0.2935

■ 13.5066, 0.5328,
0.4023

■ 59.1267, 0.2597,
0.2865

■ 12.2185, 0.5564,
0.3961

■ 64.4067, 0.2552,
0.2849

■ 12.1875, 0.5571,
0.3959

■ 69.2187, 0.2567,
0.2957

Harmonies

Analogous

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



29.2396, 0.3463, 0.3371



29.2396, 0.3466, 0.3507



29.2396, 0.3376, 0.3590

Triad

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



29.2396, 0.3466, 0.3507



29.2396, 0.2890, 0.3356



29.2396, 0.3028, 0.3008

Complementary

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



29.2396, 0.3466, 0.3507



28.5166, 0.2825, 0.3063

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.



29.2396, 0.2880, 0.2998



29.2396, 0.3466, 0.3507



29.2396, 0.2803, 0.3193

Square

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



29.2396, 0.3466, 0.3507



29.2396, 0.3042, 0.3505



29.2396, 0.2799, 0.3063



29.2396, 0.3206, 0.3089

Rectangle

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



29.2396, 0.3466, 0.3507



29.2396, 0.3276, 0.3601



29.2396, 0.2799, 0.3063



29.2396, 0.2973, 0.2997

Sweetspot

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



29.2409, 0.3466, 0.3507



61.4994, 0.3222, 0.3355



25.7838, 0.3299, 0.3013



13.7231, 0.3232, 0.3361



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.



29.2409, 0.3466, 0.3507



50.4329, 0.3562, 0.3562



34.3751, 0.3423, 0.3739



7.5731, 0.3274, 0.3389



9.6886, 0.5556, 0.3970



0.2971, 0.4960, 0.4444

Inverse Universe

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



28.5166, 0.2825, 0.3063



48.8550, 0.2752, 0.3002



23.8898, 0.2810, 0.2798



7.4887, 0.2987, 0.3189



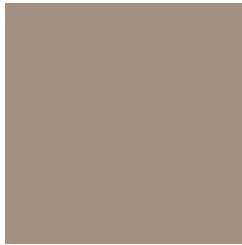
8.0318, 0.1838, 0.1817



0.2608, 0.2003, 0.2409

Previews

White Background



This preview shows how the Yxy color 29.2396, 0.3466, 0.3507 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 29.2396, 0.3466, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

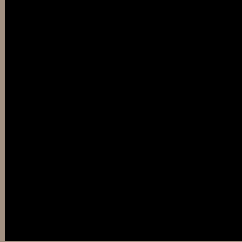
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2396, 0.3466, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 29.2396, 0.3466, 0.3507.



This preview shows how white text looks on a background with the Yxy color 29.2396, 0.3466, 0.3507.

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

29.2396, 0.3466, 0.3507

Protanopia

29.3762, 0.3360, 0.3543

Deuteranopia

29.2825, 0.3540, 0.3472



Tritanopia

29.3161, 0.3275, 0.3126

Trichromacy



Original Color

29.2396, 0.3466, 0.3507

Protanomaly

29.3646, 0.3395, 0.3525

Deuteranomaly

29.3636, 0.3514, 0.3489

Tritanomaly

29.2521, 0.3346, 0.3260

Monochromacy



Original Color

29.2396, 0.3466, 0.3507

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5628, 0.3249, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2396, 0.3466, 0.3507 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(162, 144, 130)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 144, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.2396, 0.3466, 0.3507 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(162, 144, 130) }
```

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

```
.border{ border-color:rgb(162, 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(162, 144, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 130);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2396, 0.3466, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 130) }
```

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

```
.background{ background-color: rgb(162,  
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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