

Converting Colors

$Y_{xy}(29.2578, 0.3286, 0.3369)$

Have a look what the booklet for
Yxy(29.2578, 0.3286, 0.3369)
contains.

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Color

Yxy(29.2122, 0.3294, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	9C918C
RGB	156, 145, 140
RGB Percent	61%, 57%, 55%
CMY	0.3882, 0.4314, 0.4509
CMYK	0.00, 0.07, 0.10, 0.39
HSL	19°, 7%, 58%
HSV	19°, 10%, 61%
XYZ	28.5704, 29.2122, 28.9520
YIQ	147.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

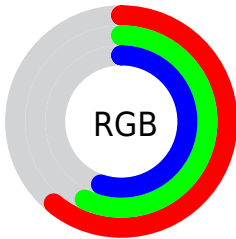
Format	Color
R _Y B	156, 147, 140
Decimal	10260876
CIE Lab	60.97, 3.18, 4.10
CIE LCh	61, 5.183, 52.210
Yxy	29.2122, 0.3294, 0.3368
Android (android.graphics.Color)	4288450956 (0xFF9C918C)
YUV	147.7190, -3.8055, 7.2624
Hunter-Lab	54.0483, -0.2280, 6.0740

Details

The Yxy color $29.2122, 0.3294, 0.3368$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $30.1171, 0.2973, 0.3211$, and the grayscale version is $29.5059, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5908, 0.3259, 0.3349$, and $11.9259, 0.3357, 0.3403$ is the 20% darker color. If you saturate the color by 10%, you get $25.6573, 0.3487, 0.3449$, and if you desaturate by 10%, it is $33.1451, 0.3131, 0.3292$.

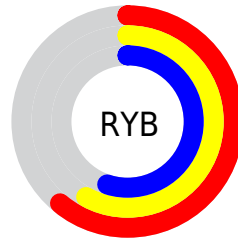
Distribution



Red (61%)

Green (57%)

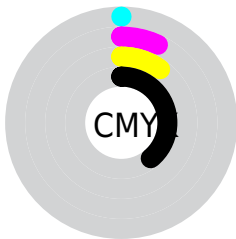
Blue (55%)



Red (61%)

Yellow (58%)

Blue (55%)

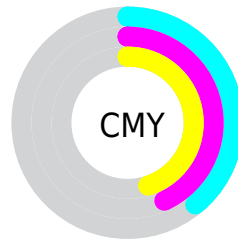


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (39%)



Cyan (39%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2122, 0.3294, 0.3368 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 29.2122, 0.3294, 0.3368 by changing the saturation by 10% instead.


 29.2122, 0.3294,
0.3368


 29.2122, 0.3294,
0.3368


298.2149, 0.3204,
0.3327


 19.2414, 0.3319,
0.3379


 58.4141, 0.3259,
0.3352

 11.8448, 0.3353,
0.3394


 78.4139, 0.3247,
0.3347

 6.6381, 0.3402,
0.3416


 102.5256, 0.3237,
0.3342

 3.2368, 0.3477,
0.3448

131.1335, 0.3228,
0.3338

 1.2566, 0.3608,
0.3501

164.6219, 0.3221,
0.3334

 0.1072, 0.6260,
0.3740

203.3754, 0.3214,

 0.0000, 0.0000,

0.3331

0.0000

247.7782, 0.3209,
0.3329

■ 29.2122, 0.3294,
0.3368

■ 29.2122, 0.3294,
0.3368

■ 25.6573, 0.3487,
0.3449

■ 33.1451, 0.3131,
0.3292

■ 22.4653, 0.3713,
0.3533

■ 37.4629, 0.2993,
0.3221

■ 19.6256, 0.3977,
0.3617

■ 42.1773, 0.2875,
0.3156

■ 17.1256, 0.4278,
0.3695

■ 47.2981, 0.2776,
0.3097

■ 14.9521, 0.4612,
0.3759

■ 52.8351, 0.2691,
0.3043

■ 13.0907, 0.4968,
0.3798

■ 58.7974, 0.2618,
0.2994

■ 11.5262, 0.5322,
0.3802

■ 65.1940, 0.2555,
0.2949

■ 10.2415, 0.5642,
0.3760

■ 71.3848, 0.2546,
0.3013

■ 9.2332, 0.5910,
0.3689

■ 77.5776, 0.2565,
0.3138

Harmonies

Analogous

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



29.2122, 0.3271, 0.3296



29.2122, 0.3294, 0.3368



29.2122, 0.3272, 0.3420

Triad

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



29.2122, 0.3294, 0.3368



29.2122, 0.3045, 0.3357



29.2122, 0.3043, 0.3146

Complementary

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



29.2122, 0.3294, 0.3368



30.1171, 0.2973, 0.3211

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.



29.2122, 0.2984, 0.3160



29.2122, 0.3294, 0.3368



29.2122, 0.2985, 0.3281

Square

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



29.2122, 0.3294, 0.3368



29.2122, 0.3127, 0.3415



29.2122, 0.2963, 0.3209



29.2122, 0.3126, 0.3170

Rectangle

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



29.2122, 0.3294, 0.3368



29.2122, 0.3234, 0.3437



29.2122, 0.2963, 0.3209



29.2122, 0.3020, 0.3146

Sweetspot

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



29.2135, 0.3294, 0.3368



58.1193, 0.3174, 0.3313



28.0717, 0.3187, 0.3118



12.6652, 0.3186, 0.3319



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.2135, 0.3294, 0.3368



51.7176, 0.3330, 0.3384



31.6802, 0.3281, 0.3487



6.9667, 0.3277, 0.3360



7.6614, 0.5897, 0.3699



0.2076, 0.5198, 0.4254

Inverse Universe

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



30.1171, 0.2973, 0.3211



53.6522, 0.2943, 0.3194



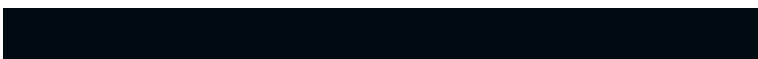
27.6881, 0.2972, 0.3085



7.1603, 0.2988, 0.3219



10.7668, 0.1962, 0.2262



0.2641, 0.2089, 0.2721

Previews

White Background



This preview shows how the Yxy color 29.2122, 0.3294, 0.3368 looks on a white background.

Color Contrast Check

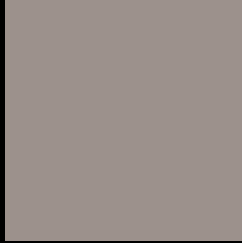
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2122, 0.3294, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

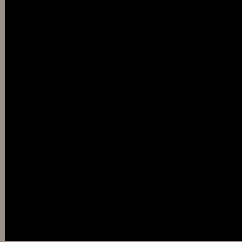
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2122, 0.3294, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 29.2122, 0.3294, 0.3368.



This preview shows how white text looks on a background with the Yxy color 29.2122, 0.3294, 0.3368.

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

29.2122, 0.3294, 0.3368

Protanopia

29.3698, 0.3228, 0.3385

Deuteranopia

29.1616, 0.3377, 0.3306



Tritanopia

29.2471, 0.3177, 0.3123

Trichromacy



Original Color

29.2122, 0.3294, 0.3368

Protanomaly

29.2532, 0.3250, 0.3369

Deuteranomaly

29.1451, 0.3342, 0.3321

Tritanomaly

29.2845, 0.3216, 0.3214

Monochromacy



Original Color

29.2122, 0.3294, 0.3368

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.4911, 0.3188, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2122, 0.3294, 0.3368 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(156, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 140)  
}
```

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(156, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 29.2122, 0.3294, 0.3368 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(156, 145, 140) }
```

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

```
.border{ border-color:rgb(156, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2122, 0.3294, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 140) }
```

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

```
.background{ background-color: rgb(156,  
145, 140) }
```

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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