

Converting Colors

$Y_{xy}(29.0891, 0.3299, 0.3788)$

Have a look what the booklet for
Yxy(29.0891, 0.3299, 0.3788)
contains.

Yxy(29.0891, 0.3299, 0.3788)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.0891, 0.3299, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	8C9779
RGB	140, 151, 121
RGB Percent	55%, 59%, 47%
CMY	0.4510, 0.4078, 0.5255
CMYK	0.07, 0.00, 0.20, 0.41
HSL	82°, 13%, 53%
HSV	82°, 20%, 59%
XYZ	25.3339, 29.0891, 22.3697
YIQ	144.2910, 3.0740, -11.6620

Conversions

Conversions Part 2

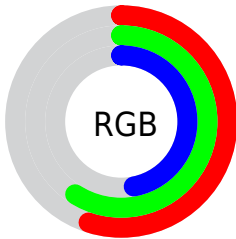
Format	Color
R_{YB}	121, 151, 132
Decimal	9213817
CIE _{Lab}	60.86, -9.51, 14.50
CIE _{LCh}	61, 17.347, 123.264
Yxy	29.0891, 0.3299, 0.3788
Android (android.graphics.Color)	4287403897 (0xFF8C9779)
YUV	144.2910, -11.4825, -3.7632
Hunter-Lab	53.9343, -10.5403, 13.1630

Details

The Yxy color $29.0891, 0.3299, 0.3788$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.8158, 0.2929, 0.2779$, and the grayscale version is $28.0606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1491, 0.3271, 0.3685$, and $11.7559, 0.3362, 0.3975$ is the 20% darker color. If you saturate the color by 10%, you get $28.2796, 0.3383, 0.4059$, and if you desaturate by 10%, it is $29.9833, 0.3212, 0.3529$.

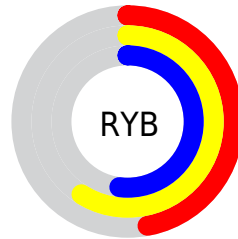
Distribution



Red (55%)

Green (59%)

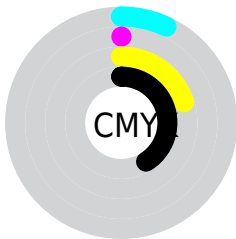
Blue (47%)



Red (47%)

Yellow (59%)

Blue (52%)

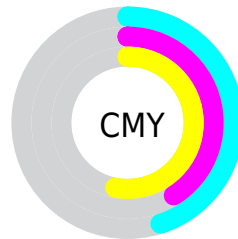


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (45%)


Magenta (41%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0891, 0.3299, 0.3788 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 29.0891, 0.3299, 0.3788 by changing the saturation by 10% instead.

 29.0891, 0.3299,
0.3788


 29.0891, 0.3299,
0.3788


297.6351, 0.3209,
0.3514


 19.1482, 0.3322,
0.3866


 58.2186, 0.3266,
0.3682

 11.7774, 0.3353,
0.3972


 78.1761, 0.3253,
0.3644

 6.5923, 0.3393,
0.4126


 102.2411, 0.3243,
0.3613

 3.2085, 0.3448,
0.4366

130.7983, 0.3234,
0.3587

 1.2415, 0.3726,
0.5070

164.2319, 0.3227,
0.3565

 0.0952, 0.0000,
1.0000

202.9263, 0.3220,

 0.0000, 0.0000,

0.3545

0.0000

247.2659, 0.3214,
0.3529

■ 29.0891, 0.3299,
0.3788

■ 29.0891, 0.3299,
0.3788

■ 28.2796, 0.3383,
0.4059

■ 29.9833, 0.3212,
0.3529

■ 27.5479, 0.3460,
0.4335

■ 30.9614, 0.3126,
0.3287

■ 26.8922, 0.3527,
0.4607


■ 32.0271, 0.3042,
0.3063


■ 26.3087, 0.3579,
0.4865


■ 33.1832, 0.2961,
0.2858


■ 25.7938, 0.3610,
0.5096


■ 34.4321, 0.2885,
0.2673

 25.3429, 0.3620,
0.5288


 35.7761, 0.2814,
0.2506


 24.9511, 0.3605,
0.5435

 37.2175, 0.2748,
0.2356

 24.6063, 0.3574,
0.5543

 38.7584, 0.2687,
0.2221

 24.6019, 0.3573,
0.5545

 40.2776, 0.2643,
0.2116

Harmonies

Analogous

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



29.0891, 0.3545, 0.3763



29.0891, 0.3299, 0.3788



29.0891, 0.3015, 0.3662

Triad

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



29.0891, 0.3299, 0.3788



29.0891, 0.2601, 0.2939



29.0891, 0.3491, 0.3152

Complementary

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



29.0891, 0.3299, 0.3788



20.8158, 0.2929, 0.2779

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.



29.0891, 0.3223, 0.2956



29.0891, 0.3299, 0.3788



29.0891, 0.2714, 0.2831

Square

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



29.0891, 0.3299, 0.3788



29.0891, 0.2620, 0.3153



29.0891, 0.2938, 0.2840



29.0891, 0.3662, 0.3388

Rectangle

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



29.0891, 0.3299, 0.3788



29.0891, 0.2842, 0.3510



29.0891, 0.2938, 0.2840



29.0891, 0.3409, 0.3080

Sweetspot

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



29.0904, 0.3299, 0.3788



54.3332, 0.3180, 0.3436



24.3283, 0.3474, 0.3464



12.3263, 0.3185, 0.3451



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.



29.0904, 0.3299, 0.3788



51.4080, 0.3338, 0.3912



27.9123, 0.3148, 0.3812



7.1097, 0.3207, 0.3514



20.9454, 0.3577, 0.5542



0.3336, 0.3857, 0.5320

Inverse Universe

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



20.8158, 0.2929, 0.2779



33.7289, 0.2875, 0.2648



22.0674, 0.3097, 0.2804



6.1311, 0.3042, 0.3064



2.6152, 0.1814, 0.0773



0.0586, 0.2293, 0.1037

Previews

White Background



This preview shows how the Yxy color 29.0891, 0.3299, 0.3788 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 29.0891, 0.3299, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

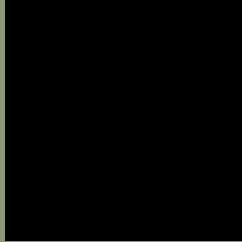
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

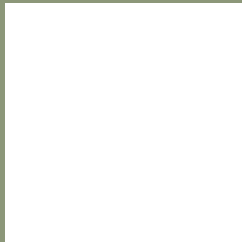
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.0891, 0.3299, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 29.0891, 0.3299, 0.3788.



This preview shows how white text looks on a background with the Yxy color 29.0891, 0.3299, 0.3788.

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

29.0891, 0.3299, 0.3788

Protanopia

28.8582, 0.3497, 0.3720

Deuteranopia

28.9148, 0.3631, 0.3563



Tritanopia

29.0461, 0.3004, 0.3102

Trichromacy



Original Color

29.0891, 0.3299, 0.3788

Protanomaly

29.0199, 0.3425, 0.3742

Deuteranomaly

28.9250, 0.3502, 0.3652

Tritanomaly

29.0638, 0.3104, 0.3338

Monochromacy



Original Color

29.0891, 0.3299, 0.3788

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.4847, 0.3192, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0891, 0.3299, 0.3788 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(140, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(140, 151, 121)  
}
```

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(140, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.0891, 0.3299, 0.3788 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(140, 151, 121) }
```

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

```
.border{ border-color:rgb(140, 151, 121) }
```

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

Here you see how a box with a 4 pixel rgb(140, 151, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(140, 151,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0891, 0.3299, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 151, 121) }
```

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

```
.background{ background-color: rgb(140,  
151, 121) }
```

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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