

Converting Colors

$Yxy(29.1930, 0.3210, 0.3807)$

Have a look what the booklet for
Yxy(29.1930, 0.3210, 0.3807)
contains.

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Color

Yxy(29.1742, 0.3213, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	85997A
RGB	133, 153, 122
RGB Percent	52%, 60%, 48%
CMY	0.4784, 0.4000, 0.5216
CMYK	0.13, 0.00, 0.20, 0.40
HSL	99°, 13%, 54%
HSV	99°, 20%, 60%
XYZ	24.5770, 29.1742, 22.7412
YIQ	143.4860, -1.9690, -13.8810

Conversions

Conversions Part 2

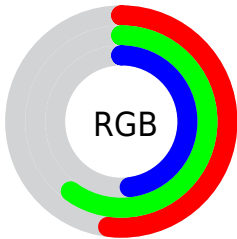
Format	Color
R _Y B	122, 153, 142
Decimal	8755578
CIE Lab	60.94, -13.07, 13.98
CIE LCh	61, 19.144, 133.075
Yxy	29.1742, 0.3213, 0.3814
Android (android.graphics.Color)	4286945658 (0xFF85997A)
YUV	143.4860, -10.5926, -9.1962
Hunter-Lab	54.0131, -13.3021, 12.8463

Details

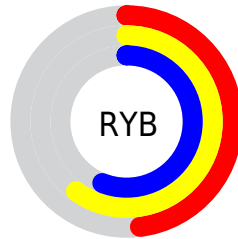
The Yxy color $29.1742, 0.3213, 0.3814$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.9625, 0.3022, 0.2782$, and the grayscale version is $27.7172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1207, 0.3199, 0.3703$, and $11.8228, 0.3235, 0.4018$ is the 20% darker color. If you saturate the color by 10%, you get $28.0603, 0.3251, 0.4106$, and if you desaturate by 10%, it is $30.4257, 0.3171, 0.3543$.

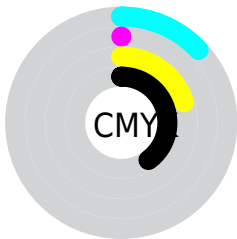
Distribution



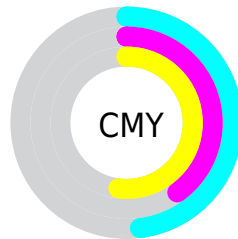
- Red (52%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)





- Cyan (48%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1742, 0.3213, 0.3814 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 29.1742, 0.3213, 0.3814 by changing the saturation by 10% instead.


 29.1742, 0.3213,
0.3814


 29.1742, 0.3213,
0.3814


298.0360, 0.3171,
0.3524


 19.2126, 0.3223,
0.3897


 58.3537, 0.3198,
0.3701

 11.8240, 0.3235,
0.4011


 78.3405, 0.3192,
0.3661

 6.6240, 0.3249,
0.4177


 102.4378, 0.3187,
0.3628

 3.2281, 0.3263,
0.4439

131.0300, 0.3183,
0.3601

 1.2519, 0.3430,
0.5165

164.5016, 0.3179,
0.3577

 0.1035, 0.0000,
1.0000

203.2368, 0.3176,

 0.0000, 0.0000,

0.3557

0.0000

247.6201, 0.3173,
0.3540

■ 29.1742, 0.3213,
0.3814

■ 29.1742, 0.3213,
0.3814

■ 28.0603, 0.3251,
0.4106

■ 30.4257, 0.3171,
0.3543

■ 27.0753, 0.3283,
0.4412

■ 31.8156, 0.3128,
0.3296

■ 26.2154, 0.3305,
0.4723

■ 33.3496, 0.3085,
0.3074

■ 25.4749, 0.3314,
0.5026

■ 35.0317, 0.3043,
0.2876

■ 24.8480, 0.3309,
0.5302

■ 36.8660, 0.3003,
0.2700

■ 24.3279, 0.3286,
0.5536

■ 38.8563, 0.2965,
0.2544

■ 23.9072, 0.3248,
0.5713

■ 41.0062, 0.2929,
0.2407

■ 23.5788, 0.3203,
0.5839

■ 43.3194, 0.2896,
0.2285

■ 45.4940, 0.2899,
0.2217

Harmonies

Analogous

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



29.1742, 0.3508, 0.3839



29.1742, 0.3213, 0.3814



29.1742, 0.2905, 0.3625

Triad

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



29.1742, 0.3213, 0.3814



29.1742, 0.2575, 0.2850



29.1742, 0.3606, 0.3220

Complementary

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



29.1742, 0.3213, 0.3814



21.9625, 0.3022, 0.2782

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.



29.1742, 0.3335, 0.2986



29.1742, 0.3213, 0.3814



29.1742, 0.2742, 0.2775

Square

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



29.1742, 0.3213, 0.3814



29.1742, 0.2547, 0.3050



29.1742, 0.3017, 0.2826



29.1742, 0.3744, 0.3480

Rectangle

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



29.1742, 0.3213, 0.3814



29.1742, 0.2734, 0.3437



29.1742, 0.3017, 0.2826



29.1742, 0.3527, 0.3137

Sweetspot

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



29.1755, 0.3213, 0.3814



55.4907, 0.3154, 0.3438



27.4127, 0.3457, 0.3607



12.2214, 0.3156, 0.3452



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.



29.1755, 0.3213, 0.3814



51.3804, 0.3229, 0.3934



28.4289, 0.3065, 0.3757



7.0271, 0.3167, 0.3516



19.5040, 0.3208, 0.5835



0.3108, 0.3540, 0.5571

Inverse Universe

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



21.9625, 0.3022, 0.2782



36.2412, 0.2996, 0.2670



22.8524, 0.3196, 0.2864



6.2137, 0.3084, 0.3067



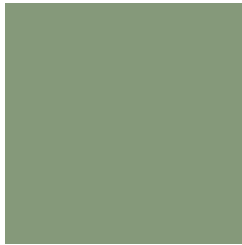
4.0938, 0.2350, 0.1068



0.0814, 0.2742, 0.1284

Previews

White Background



This preview shows how the Yxy color 29.1742, 0.3213, 0.3814 looks on a white background.

Color Contrast Check

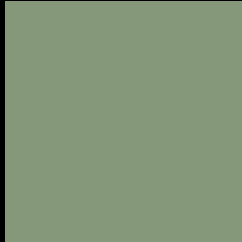
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1742, 0.3213, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

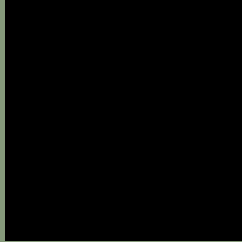
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1742, 0.3213, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 29.1742, 0.3213, 0.3814.



This preview shows how white text looks on a background with the Yxy color 29.1742, 0.3213, 0.3814.

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

29.1742, 0.3213, 0.3814

Protanopia

28.9576, 0.3508, 0.3718

Deuteranopia

28.9400, 0.3620, 0.3548



Tritanopia

29.2068, 0.2927, 0.3100

Trichromacy



Original Color

29.1742, 0.3213, 0.3814

Protanomaly

29.1469, 0.3400, 0.3761

Deuteranomaly

28.7488, 0.3470, 0.3639

Tritanomaly

29.2064, 0.3034, 0.3355

Monochromacy



Original Color

29.1742, 0.3213, 0.3814

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.1057, 0.3159, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1742, 0.3213, 0.3814 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(133, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 122)  
}
```

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(133, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.1742, 0.3213, 0.3814 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(133, 153, 122) }
```

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

```
.border{ border-color:rgb(133, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1742, 0.3213, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 122) }
```

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

```
.background{ background-color: rgb(133,  
153, 122) }
```

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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