

Converting Colors

$Yxy(29.3966, 0.3230, 0.3796)$

Have a look what the booklet for
Yxy(29.3966, 0.3230, 0.3796)
contains.

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Color

Yxy(29.3634, 0.3224, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	87997B
RGB	135, 153, 123
RGB Percent	53%, 60%, 48%
CMY	0.4706, 0.4000, 0.5176
CMYK	0.12, 0.00, 0.20, 0.40
HSL	96°, 13%, 54%
HSV	96°, 20%, 60%
XYZ	24.9585, 29.3634, 23.0928
YIQ	144.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

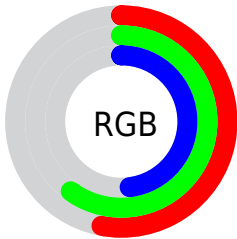
Format	Color
R_{YB}	123, 153, 141
Decimal	8886651
CIE _{Lab}	61.10, -12.15, 13.66
CIE _{LCh}	61, 18.283, 131.649
Yxy	29.3634, 0.3224, 0.3793
Android (android.graphics.Color)	4287076731 (0xFF87997B)
YUV	144.1980, -10.4506, -8.0666
Hunter-Lab	54.1880, -12.6135, 12.6645

Details

The Yxy color $29.3634, 0.3224, 0.3793$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.1308, 0.3011, 0.2798$, and the grayscale version is $28.0179, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4516, 0.3200, 0.3676$, and $11.9284, 0.3252, 0.3985$ is the 20% darker color. If you saturate the color by 10%, you get $28.2818, 0.3269, 0.4080$, and if you desaturate by 10%, it is $30.5731, 0.3175, 0.3526$.

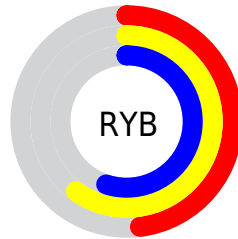
Distribution



Red (53%)

Green (60%)

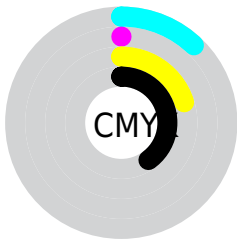
Blue (48%)



Red (48%)

Yellow (60%)

Blue (55%)

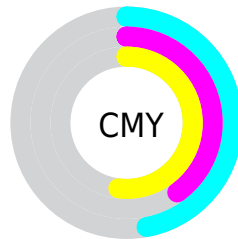


Cyan (12%)

Magenta (0%)

Yellow (20%)

Black (40%)



Cyan (47%)


Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3634, 0.3224, 0.3793 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 29.3634, 0.3224, 0.3793 by changing the saturation by 10% instead.

 29.3634, 0.3224,
0.3793

 29.3634, 0.3224,
0.3793


298.9257, 0.3175,
0.3516


 19.3559, 0.3236,
0.3872


 58.6540, 0.3206,
0.3685

 11.9277, 0.3250,
0.3981


 78.7058, 0.3200,
0.3647

 6.6945, 0.3269,
0.4138


 102.8746, 0.3194,
0.3615

 3.2718, 0.3290,
0.4387

131.5446, 0.3189,
0.3589

 1.2752, 0.3446,
0.5040

165.1004, 0.3185,
0.3567

 0.1219, 0.0000,
1.0000

203.9262, 0.3181,

 0.0000, 0.0000,

0.3547

0.0000

248.4065, 0.3178,
0.3530

■ 29.3634, 0.3224,
0.3793

■ 29.3634, 0.3224,
0.3793

■ 28.2818, 0.3269,
0.4080

■ 30.5731, 0.3175,
0.3526

■ 27.3202, 0.3308,
0.4381

■ 31.9113, 0.3125,
0.3281

■ 26.4749, 0.3338,
0.4687


■ 33.3832, 0.3076,
0.3060

■ 25.7411, 0.3354,
0.4984


■ 34.9927, 0.3027,
0.2862

■ 25.1132, 0.3354,
0.5256

■ 36.7434, 0.2982,
0.2685

 24.5851, 0.3336,
0.5488


 38.6387, 0.2938,
0.2529

 24.1500, 0.3300,
0.5666

 40.6821, 0.2898,
0.2390

 23.7943, 0.3253,
0.5796

 42.8767, 0.2860,
0.2268

 23.7814, 0.3251,
0.5801

 44.8527, 0.2865,
0.2206

Harmonies

Analogous

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



29.3634, 0.3502, 0.3810



29.3634, 0.3224, 0.3793



29.3634, 0.2929, 0.3620

Triad

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



29.3634, 0.3224, 0.3793



29.3634, 0.2595, 0.2877



29.3634, 0.3574, 0.3212

Complementary

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



29.3634, 0.3224, 0.3793



22.1308, 0.3011, 0.2798

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.



29.3634, 0.3311, 0.2991



29.3634, 0.3224, 0.3793



29.3634, 0.2750, 0.2799

Square

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



29.3634, 0.3224, 0.3793



29.3634, 0.2576, 0.3074



29.3634, 0.3008, 0.2842



29.3634, 0.3712, 0.3461

Rectangle

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



29.3634, 0.3224, 0.3793



29.3634, 0.2762, 0.3444



29.3634, 0.3008, 0.2842



29.3634, 0.3496, 0.3133

Sweetspot

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



29.3647, 0.3224, 0.3793



55.5596, 0.3158, 0.3438



27.2538, 0.3447, 0.3581



12.2380, 0.3161, 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.



29.3647, 0.3224, 0.3793



51.6150, 0.3247, 0.3931



28.5013, 0.3076, 0.3758



7.0401, 0.3173, 0.3516



19.6726, 0.3256, 0.5797



0.3144, 0.3596, 0.5527

Inverse Universe

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



22.1308, 0.3011, 0.2798



35.9854, 0.2976, 0.2666



23.1422, 0.3183, 0.2863



6.2003, 0.3077, 0.3066



3.7931, 0.2251, 0.1014



0.0778, 0.2677, 0.1248

Previews

White Background



This preview shows how the Yxy color 29.3634, 0.3224, 0.3793 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 29.3634, 0.3224, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

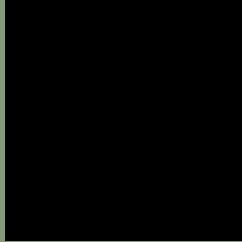
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3634, 0.3224, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 29.3634, 0.3224, 0.3793.



This preview shows how white text looks on a background with the Yxy color 29.3634, 0.3224, 0.3793.

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

29.3634, 0.3224, 0.3793

Protanopia

29.2914, 0.3494, 0.3717

Deuteranopia

29.2617, 0.3605, 0.3548



Tritanopia

29.3806, 0.2946, 0.3101

Trichromacy



Original Color

29.3634, 0.3224, 0.3793

Protanomaly

29.1713, 0.3390, 0.3744

Deuteranomaly

29.1811, 0.3467, 0.3637

Tritanomaly

29.4082, 0.3044, 0.3338

Monochromacy



Original Color

29.3634, 0.3224, 0.3793

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.3077, 0.3171, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3634, 0.3224, 0.3793 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(135, 153, 123)` looks like.

```
.text, #text, p{  
    color:rgb(135, 153, 123)  
}
```

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(135, 153, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 153, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.3634, 0.3224, 0.3793 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(135, 153, 123) }
```

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

```
.border{ border-color:rgb(135, 153, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 153, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 153, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 153, 123);  
box-shadow:4px 4px 4px 4px rgb(135, 153,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3634, 0.3224, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 153, 123) }
```

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

```
.background{ background-color: rgb(135,  
153, 123) }
```

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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