

Converting Colors

$Y_{xy}(27.5262, 0.3092, 0.4002)$

Have a look what the booklet for
Yxy(27.5262, 0.3092, 0.4002)
contains.

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Color

$Y_{xy}(27.5081, 0.3084, 0.3995)$

Conversions

Conversions Part 1

Format	Color
Hex	719972
RGB	113, 153, 114
RGB Percent	44%, 60%, 45%
CMY	0.5570, 0.4000, 0.5529
CMYK	0.26, 0.00, 0.25, 0.40
HSL	122°, 16%, 52%
HSV	122°, 26%, 60%
XYZ	21.2353, 27.5081, 20.1129
YIQ	136.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

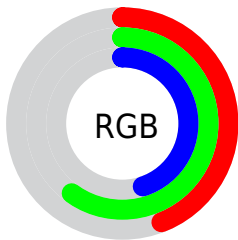
Format	Color
RYB	113, 152, 153
Decimal	7444850
CIELab	59.44, -21.78, 16.17
CIELCh	59, 27.129, 143.415
Yxy	27.5081, 0.3084, 0.3995
Android (android.graphics.Color)	4285634930 (0xFF719972)
YUV	136.5940, -11.1388, -20.6919
Hunter-Lab	52.4482, -19.5129, 13.9771

Details

The Yxy color $27.5081, 0.3084, 0.3995$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.8408, 0.3169, 0.2673$, and the grayscale version is $24.8991, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9719, 0.3101, 0.3843$, and $10.9861, 0.3055, 0.4275$ is the 20% darker color. If you saturate the color by 10%, you get $26.2667, 0.3066, 0.4318$, and if you desaturate by 10%, it is $28.9782, 0.3102, 0.3700$.

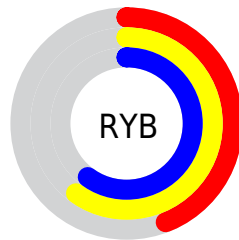
Distribution



Red (44%)

Green (60%)

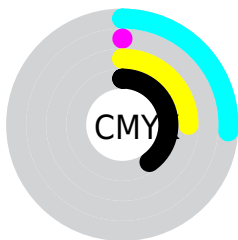
Blue (45%)



Red (44%)

Yellow (60%)

Blue (60%)

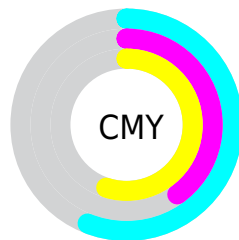


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (40%)



Cyan (56%)


Magenta (40%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5081, 0.3084, 0.3995 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 27.5081, 0.3084, 0.3995 by changing the saturation by 10% instead.


 27.5081, 0.3084,
0.3995


 27.5081, 0.3084,
0.3995


290.1089, 0.3115,
0.3597


 17.9552, 0.3072,
0.4113


 55.6981, 0.3098,
0.3838

 10.9178, 0.3052,
0.4277


 75.1040, 0.3103,
0.3783

 6.0116, 0.3017,
0.4522

 98.5631, 0.3106,
0.3738

 2.8521, 0.2948,
0.4921

 126.4596, 0.3109,
0.3700

 1.0550, 0.3029,
0.6921

159.1781, 0.3111,
0.3668

 0.0000, 0.0000,
0.0000

197.1029, 0.3113,

0.3641

240.6183, 0.3114,
0.3618

■ 27.5081, 0.3084,
0.3995

■ 27.5081, 0.3084,
0.3995

■ 26.2667, 0.3066,
0.4318

■ 28.9782, 0.3102,
0.3700

■ 25.2393, 0.3047,
0.4658

■ 30.6839, 0.3118,
0.3437

■ 24.4148, 0.3030,
0.5001

■ 32.6363, 0.3133,
0.3205

■ 23.7798, 0.3016,
0.5323

■ 34.8445, 0.3146,
0.3004

■ 23.3192, 0.3005,
0.5601

■ 37.3175, 0.3158,
0.2831

■ 23.0156, 0.2999,
0.5811

■ 40.0636, 0.3168,
0.2682

■ 22.8450, 0.2996,
0.5942

■ 43.0907, 0.3178,
0.2554

■ 22.7947, 0.2994,
0.5979

■ 46.4065, 0.3186,
0.2443

■ 50.0184, 0.3193,
0.2348

Harmonies

Analogous

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



27.5081, 0.3528, 0.4107



27.5081, 0.3084, 0.3995



27.5081, 0.2670, 0.3642

Triad

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



27.5081, 0.3084, 0.3995



27.5081, 0.2405, 0.2605



27.5081, 0.3919, 0.3305

Complementary

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



27.5081, 0.3084, 0.3995



20.8408, 0.3169, 0.2673

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.



27.5081, 0.3575, 0.2962



27.5081, 0.3084, 0.3995



27.5081, 0.2695, 0.2571

Square

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



27.5081, 0.3084, 0.3995



27.5081, 0.2299, 0.2818



27.5081, 0.3119, 0.2701



27.5081, 0.4031, 0.3666

Rectangle

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



27.5081, 0.3084, 0.3995



27.5081, 0.2464, 0.3342



27.5081, 0.3119, 0.2701



27.5081, 0.3826, 0.3185

Sweetspot

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



27.5093, 0.3084, 0.3995



54.3024, 0.3115, 0.3486



30.6859, 0.3504, 0.3926



11.8923, 0.3112, 0.3522



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.



27.5093, 0.3084, 0.3995



47.9995, 0.3074, 0.4168



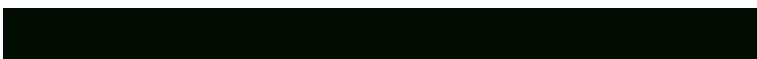
28.0057, 0.2914, 0.3631



6.9281, 0.3113, 0.3513



18.8374, 0.2994, 0.5977



0.2822, 0.2962, 0.5863

Inverse Universe

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



20.8408, 0.3169, 0.2673



34.1326, 0.3178, 0.2546



20.2498, 0.3410, 0.2973



6.3209, 0.3141, 0.3076



7.3912, 0.3274, 0.1577



0.1113, 0.3243, 0.1560

Previews

White Background



This preview shows how the Yxy color 27.5081, 0.3084, 0.3995 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 27.5081, 0.3084, 0.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

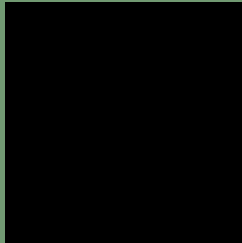
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5081, 0.3084, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 27.5081, 0.3084, 0.3995.



This preview shows how white text looks on a background with the Yxy color 27.5081, 0.3084, 0.3995.

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

27.5081, 0.3084, 0.3995

Protanopia

27.1255, 0.3581, 0.3827

Deuteranopia

27.1750, 0.3667, 0.3601



Tritanopia

27.4356, 0.2767, 0.3089

Trichromacy



Original Color

27.5081, 0.3084, 0.3995

Protanomaly

27.1087, 0.3387, 0.3886

Deuteranomaly

27.0169, 0.3435, 0.3738

Tritanomaly

27.3296, 0.2877, 0.3393

Monochromacy



Original Color

27.5081, 0.3084, 0.3995

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.8191, 0.3105, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5081, 0.3084, 0.3995 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(113, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 153, 114)  
}
```

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(113, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 153, 114) }
```

Border

The CSS property to change the border of an element to Yxy 27.5081, 0.3084, 0.3995 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(113, 153, 114) }
```

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

```
.border{ border-color:rgb(113, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 153,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5081, 0.3084, 0.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 153, 114) }
```

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

```
.background{ background-color: rgb(113,  
153, 114) }
```

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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