

Converting Colors

$Yxy(24.6193, 0.2992, 0.3746)$

Have a look what the booklet for
Yxy(24.6193, 0.2992, 0.3746)
contains.

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Color

$Y_{xy}(24.5538, 0.2994, 0.3737)$

Conversions

Conversions Part 1

Format	Color
Hex	6D9078
RGB	109, 144, 120
RGB Percent	43%, 56%, 47%
CMY	0.5725, 0.4353, 0.5293
CMYK	0.24, 0.00, 0.17, 0.44
HSL	139°, 14%, 50%
HSV	139°, 24%, 56%
XYZ	19.6720, 24.5538, 21.4788
YIQ	130.7990, -13.1560, -14.8840

Conversions

Conversions Part 2

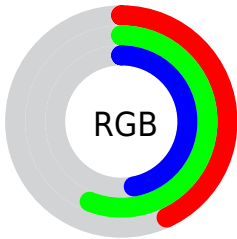
Format	Color
R _Y B	109, 136, 144
Decimal	7180408
CIE Lab	56.64, -17.33, 8.81
CIE LCh	57, 19.446, 153.052
Yxy	24.5538, 0.2994, 0.3737
Android (android.graphics.Color)	4285370488 (0xFF6D9078)
YUV	130.7990, -5.3239, -19.1177
Hunter-Lab	49.5518, -15.8515, 8.9863

Details

The Yxy color $24.5538, 0.2994, 0.3737$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.5616, 0.3292, 0.2882$, and the grayscale version is $22.6460, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9438, 0.3026, 0.3641$, and $9.2572, 0.2924, 0.3897$ is the 20% darker color. If you saturate the color by 10%, you get $23.4876, 0.2943, 0.3956$, and if you desaturate by 10%, it is $25.7964, 0.3048, 0.3538$.

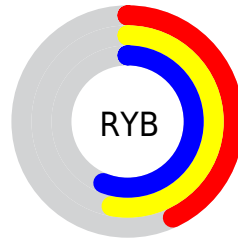
Distribution



Red (43%)

Green (56%)

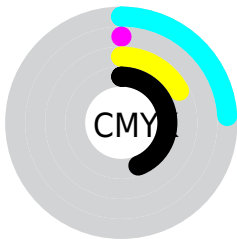
Blue (47%)



Red (43%)

Yellow (53%)

Blue (56%)

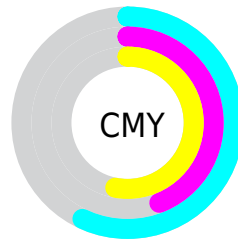


Cyan (24%)

Magenta (0%)

Yellow (17%)

Black (44%)



Cyan (57%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5538, 0.2994, 0.3737 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 24.5538, 0.2994, 0.3737 by changing the saturation by 10% instead.

■ 24.5538, 0.2994,
0.3737

■ 24.5538, 0.2994,
0.3737

275.6085, 0.3071,
0.3483

■ 15.7449, 0.2970,
0.3813

■ 50.9324, 0.3025,
0.3636

■ 9.3438, 0.2936,
0.3921

■ 69.2710, 0.3036,
0.3601

■ 4.9661, 0.2884,
0.4084

■ 91.5549, 0.3044,
0.3572

■ 2.2274, 0.2793,
0.4360

■ 118.1685, 0.3051,
0.3548

■ 0.7349, 0.2305,
0.6154

149.4963, 0.3058,
0.3528

■ 0.0000, 0.0000,
0.0000

185.9226, 0.3063,

0.3511

227.8319, 0.3067,
0.3496

■ 24.5538, 0.2994,
0.3737

■ 24.5538, 0.2994,
0.3737

■ 23.4876, 0.2943,
0.3956

■ 25.7964, 0.3048,
0.3538

■ 22.5867, 0.2899,
0.4193

■ 27.2197, 0.3103,
0.3360

■ 21.8434, 0.2862,
0.4444

■ 28.8320, 0.3158,
0.3202

■ 21.2483, 0.2838,
0.4701

■ 30.6397, 0.3212,
0.3064

■ 20.7908, 0.2828,
0.4956

■ 32.6494, 0.3264,
0.2942

■ 20.4589, 0.2834,
0.5197

■ 34.8670, 0.3314,
0.2836

■ 20.2380, 0.2855,
0.5414

■ 37.2983, 0.3360,
0.2743

■ 20.1384, 0.2868,
0.5526

■ 39.9489, 0.3404,
0.2662

■ 42.8242, 0.3445,
0.2592

Harmonies

Analogous

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



24.5538, 0.3330, 0.3885



24.5538, 0.2994, 0.3737



24.5538, 0.2704, 0.3448

Triad

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



24.5538, 0.2994, 0.3737



24.5538, 0.2639, 0.2749



24.5538, 0.3762, 0.3399

Complementary

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



24.5538, 0.2994, 0.3737



18.5616, 0.3292, 0.2882

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.



24.5538, 0.3557, 0.3124



24.5538, 0.2994, 0.3737



24.5538, 0.2900, 0.2761

Square

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



24.5538, 0.2994, 0.3737



24.5538, 0.2508, 0.2874



24.5538, 0.3236, 0.2896



24.5538, 0.3785, 0.3664

Rectangle

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



24.5538, 0.2994, 0.3737



24.5538, 0.2573, 0.3230



24.5538, 0.3236, 0.2896



24.5538, 0.3712, 0.3306

Sweetspot

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



24.5548, 0.2994, 0.3737



47.2621, 0.3088, 0.3409



26.0783, 0.3362, 0.3899



10.8088, 0.3085, 0.3417



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.5548, 0.2994, 0.3737



42.2750, 0.2967, 0.3851



25.0044, 0.2841, 0.3416



6.0556, 0.3076, 0.3444



17.5409, 0.2866, 0.5516



0.1713, 0.2638, 0.4698

Inverse Universe

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



18.5616, 0.3292, 0.2882



29.8761, 0.3336, 0.2789



18.1297, 0.3517, 0.3169



5.4825, 0.3182, 0.3140



5.9468, 0.4172, 0.2072



0.0609, 0.3650, 0.1784

Previews

White Background



This preview shows how the Yxy color 24.5538, 0.2994, 0.3737 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 24.5538, 0.2994, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

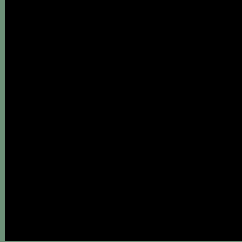
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5538, 0.2994, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 24.5538, 0.2994, 0.3737.



This preview shows how white text looks on a background with the Yxy color 24.5538, 0.2994, 0.3737.

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

24.5538, 0.2994, 0.3737

Protanopia

24.3397, 0.3412, 0.3615

Deuteranopia

24.4350, 0.3477, 0.3422



Tritanopia

24.6354, 0.2770, 0.3097

Trichromacy



Original Color

24.5538, 0.2994, 0.3737

Protanomaly

24.2071, 0.3254, 0.3663

Deuteranomaly

24.3318, 0.3286, 0.3532

Tritanomaly

24.4539, 0.2849, 0.3307

Monochromacy



Original Color

24.5538, 0.2994, 0.3737

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3516, 0.3075, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5538, 0.2994, 0.3737 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(109, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 144, 120)  
}
```

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(109, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 144, 120) }
```

Border

The CSS property to change the border of an element to Yxy 24.5538, 0.2994, 0.3737 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(109, 144, 120) }
```

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

```
.border{ border-color:rgb(109, 144, 120) }
```

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

Here you see how a box with a 4 pixel rgb(109, 144, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 144,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5538, 0.2994, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 144, 120) }
```

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

```
.background{ background-color: rgb(109,  
144, 120) }
```

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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