

Converting Colors

$Yxy(24.5695, 0.3023, 0.3775)$

Have a look what the booklet for
Yxy(24.5695, 0.3023, 0.3775)
contains.

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Color

$Y_{xy}(24.5695, 0.3023, 0.3775)$

Conversions

Conversions Part 1

Format	Color
Hex	6E9076
RGB	110, 144, 118
RGB Percent	43%, 56%, 46%
CMY	0.5685, 0.4353, 0.5373
CMYK	0.24, 0.00, 0.18, 0.44
HSL	134°, 13%, 50%
HSV	134°, 24%, 56%
XYZ	19.6751, 24.5695, 20.8401
YIQ	130.8700, -11.9180, -15.2940

Conversions

Conversions Part 2

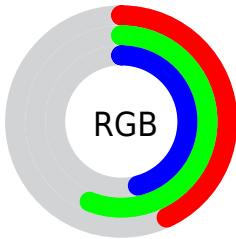
Format	Color
R_{YB}	110, 138, 144
Decimal	7245942
CIE _{Lab}	56.65, -17.39, 10.01
CIE _{LCh}	57, 20.059, 150.080
Yxy	24.5695, 0.3023, 0.3775
Android (android.graphics.Color)	4285436022 (0xFF6E9076)
YUV	130.8700, -6.3449, -18.3030
Hunter-Lab	49.5676, -15.8905, 9.7695

Details

The Yxy color $24.5695, 0.3023, 0.3775$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.8651, 0.3252, 0.2849$, and the grayscale version is $22.6761, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9718, 0.3048, 0.3668$, and $9.2630, 0.2965, 0.3955$ is the 20% darker color. If you saturate the color by 10%, you get $23.4735, 0.2981, 0.4020$, and if you desaturate by 10%, it is $25.8484, 0.3067, 0.3553$.

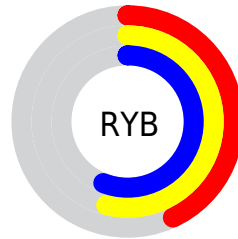
Distribution



Red (43%)

Green (56%)

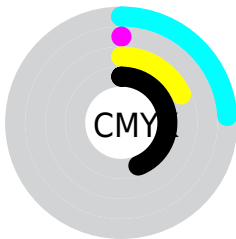
Blue (46%)



Red (43%)

Yellow (54%)

Blue (56%)

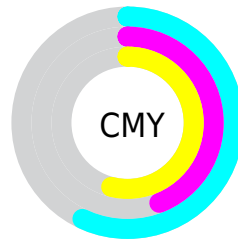


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (44%)



Cyan (57%)


Magenta (44%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5695, 0.3023, 0.3775 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 24.5695, 0.3023, 0.3775 by changing the saturation by 10% instead.


 24.5695, 0.3023,
0.3775


 24.5695, 0.3023,
0.3775


275.6872, 0.3084,
0.3499


 15.7566, 0.3003,
0.3858


 50.9580, 0.3048,
0.3665


 9.3521, 0.2975,
0.3976


 69.3023, 0.3057,
0.3627

 4.9715, 0.2930,
0.4153

 91.5926, 0.3064,
0.3596

 2.2306, 0.2850,
0.4454

 118.2133, 0.3069,
0.3570

 0.7366, 0.2473,
0.6607

149.5487, 0.3074,
0.3548

 0.0000, 0.0000,
0.0000

185.9832, 0.3078,

0.3529

227.9012, 0.3081,
0.3513

■ 24.5695, 0.3023,
0.3775

■ 24.5695, 0.3023,
0.3775

■ 23.4735, 0.2981,
0.4020

■ 25.8484, 0.3067,
0.3553

■ 22.5489, 0.2944,
0.4284

■ 27.3147, 0.3111,
0.3355

■ 21.7878, 0.2914,
0.4563

■ 28.9769, 0.3155,
0.3181

■ 21.1805, 0.2893,
0.4846

■ 30.8417, 0.3197,
0.3027

■ 20.7161, 0.2884,
0.5122

■ 32.9159, 0.3237,
0.2894

■ 20.3823, 0.2889,
0.5374

■ 35.2056, 0.3275,
0.2778

■ 20.1646, 0.2907,
0.5590

■ 37.7168, 0.3311,
0.2676

■ 20.0603, 0.2919,
0.5708

■ 40.4554, 0.3344,
0.2589

■ 43.4268, 0.3375,
0.2512

Harmonies

Analogous

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



24.5695, 0.3369, 0.3910



24.5695, 0.3023, 0.3775



24.5695, 0.2716, 0.3486

Triad

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



24.5695, 0.3023, 0.3775



24.5695, 0.2604, 0.2739



24.5695, 0.3769, 0.3373

Complementary

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



24.5695, 0.3023, 0.3775



18.8651, 0.3252, 0.2849

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.



24.5695, 0.3542, 0.3093



24.5695, 0.3023, 0.3775



24.5695, 0.2861, 0.2738

Square

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



24.5695, 0.3023, 0.3775



24.5695, 0.2485, 0.2882



24.5695, 0.3204, 0.2866



24.5695, 0.3812, 0.3650

Rectangle

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



24.5695, 0.3023, 0.3775



24.5695, 0.2572, 0.3260



24.5695, 0.3204, 0.2866



24.5695, 0.3711, 0.3277

Sweetspot

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



24.5705, 0.3023, 0.3775



47.2204, 0.3096, 0.3423



26.3129, 0.3381, 0.3876



10.7986, 0.3093, 0.3433



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.



24.5705, 0.3023, 0.3775



42.3345, 0.3002, 0.3894



25.0104, 0.2869, 0.3454



6.0488, 0.3087, 0.3463



17.4723, 0.2916, 0.5699



0.1700, 0.2713, 0.4967

Inverse Universe

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



18.8651, 0.3252, 0.2849



30.5693, 0.3283, 0.2754



18.4203, 0.3472, 0.3133



5.4897, 0.3170, 0.3123



6.1523, 0.3887, 0.1915



0.0622, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 24.5695, 0.3023, 0.3775 looks on a white background.

Color Contrast Check

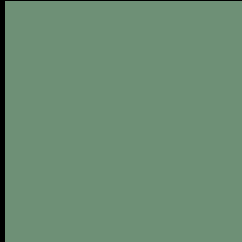
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5695, 0.3023, 0.3775 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 24.5695, 0.3023, 0.3775

Background



This preview shows how black text looks on a background with the Yxy color 24.5695, 0.3023, 0.3775.



This preview shows how white text looks on a background with the Yxy color 24.5695, 0.3023, 0.3775.

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

24.5695, 0.3023, 0.3775

Protanopia

24.3825, 0.3446, 0.3649

Deuteranopia

24.4831, 0.3512, 0.3454



Tritanopia

24.4126, 0.2778, 0.3080

Trichromacy



Original Color

24.5695, 0.3023, 0.3775

Protanomaly

24.2401, 0.3287, 0.3698

Deuteranomaly

24.3677, 0.3319, 0.3567

Tritanomaly

24.4912, 0.2868, 0.3325

Monochromacy



Original Color

24.5695, 0.3023, 0.3775

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3256, 0.3086, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5695, 0.3023, 0.3775 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(110, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(110, 144, 118)  
}
```

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(110, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 144, 118) }
```

Border

The CSS property to change the border of an element to Yxy 24.5695, 0.3023, 0.3775 is called "border". The border property can be set on classes, ids or directly on the HTML element.

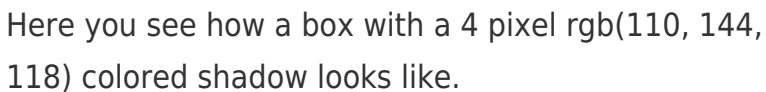
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 144, 118) }
```

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

```
.border{ border-color:rgb(110, 144, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 144, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 144, 118); box-shadow:4px 4px 4px 4px rgb(110, 144, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5695, 0.3023, 0.3775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 144, 118) }
```

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

```
.background{ background-color: rgb(110,  
144, 118) }
```

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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