

Converting Colors

$Y_{xy}(24.6293, 0.3143, 0.3861)$

Have a look what the booklet for
Yxy(24.6293, 0.3143, 0.3861)
contains.

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Color

Yxy(24.5278, 0.3142, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	748F70
RGB	116, 143, 112
RGB Percent	45%, 56%, 44%
CMY	0.5451, 0.4392, 0.5607
CMYK	0.19, 0.00, 0.22, 0.44
HSL	112°, 12%, 50%
HSV	112°, 22%, 56%
XYZ	19.9499, 24.5278, 19.0165
YIQ	131.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

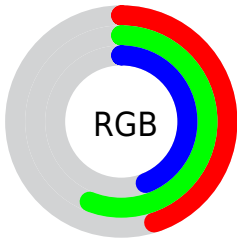
Format	Color
R_{YB}	112, 143, 139
Decimal	7638896
CIE _{Lab}	56.61, -15.84, 13.40
CIE _{LCh}	57, 20.746, 139.768
Yxy	24.5278, 0.3142, 0.3863
Android (android.graphics.Color)	4285828976 (0xFF748F70)
YUV	131.3930, -9.5607, -13.4997
Hunter-Lab	49.5255, -14.7664, 11.9021

Details

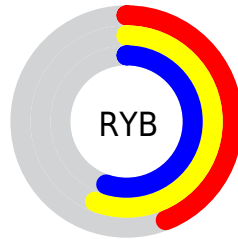
The Yxy color $24.5278, 0.3142, 0.3863$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.0661, 0.3102, 0.2763$, and the grayscale version is $22.8821, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.9377, 0.3138, 0.3733$, and $9.3922, 0.3133, 0.4113$ is the 20% darker color. If you saturate the color by 10%, you get $23.4376, 0.3145, 0.4172$, and if you desaturate by 10%, it is $25.7853, 0.3136, 0.3581$.

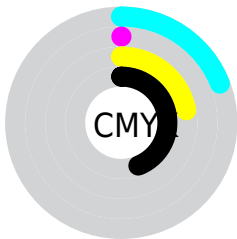
Distribution



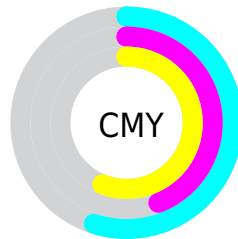
- Red (45%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (55%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)




- Cyan (55%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5278, 0.3142, 0.3863 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 24.5278, 0.3142, 0.3863 by changing the saturation by 10% instead.


 24.5278, 0.3142,
0.3863


 24.5278, 0.3142,
0.3863


275.4781, 0.3139,
0.3537


 15.7256, 0.3140,
0.3961


 50.8901, 0.3142,
0.3733


 9.3302, 0.3136,
0.4100


 69.2191, 0.3142,
0.3688

 4.9572, 0.3125,
0.4310

 91.4924, 0.3141,
0.3651

 2.2222, 0.3095,
0.4662

 118.0944, 0.3141,
0.3620

 0.7320, 0.2969,
0.7031

149.4096, 0.3140,
0.3594

 0.0000, 0.0000,
0.0000

185.8224, 0.3140,

0.3572

227.7171, 0.3139,
0.3553

■ 24.5278, 0.3142,
0.3863

■ 24.5278, 0.3142,
0.3863

■ 23.4376, 0.3145,
0.4172

■ 25.7853, 0.3136,
0.3581

■ 22.5045, 0.3144,
0.4500

■ 27.2135, 0.3129,
0.3329

■ 21.7224, 0.3138,
0.4836


■ 28.8196, 0.3120,
0.3106


■ 21.0832, 0.3126,
0.5163


■ 30.6094, 0.3110,
0.2911


■ 20.5780, 0.3108,
0.5458

■ 32.5884, 0.3100,
0.2741


 20.1973, 0.3085,
0.5698


 34.7621, 0.3091,
0.2594

 19.9298, 0.3059,
0.5868

 37.1355, 0.3081,
0.2465

 19.7780, 0.3041,
0.5967

 39.7135, 0.3072,
0.2354

 42.5011, 0.3063,
0.2256

Harmonies

Analogous

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



24.5278, 0.3492, 0.3933



24.5278, 0.3142, 0.3863



24.5278, 0.2801, 0.3608

Triad

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



24.5278, 0.3142, 0.3863



24.5278, 0.2527, 0.2755



24.5278, 0.3730, 0.3273

Complementary

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



24.5278, 0.3142, 0.3863



19.0661, 0.3102, 0.2763

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.



24.5278, 0.3443, 0.2997



24.5278, 0.3142, 0.3863



24.5278, 0.2747, 0.2704

Square

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



24.5278, 0.3142, 0.3863



24.5278, 0.2459, 0.2950



24.5278, 0.3079, 0.2794



24.5278, 0.3845, 0.3567

Rectangle

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



24.5278, 0.3142, 0.3863



24.5278, 0.2623, 0.3379



24.5278, 0.3079, 0.2794



24.5278, 0.3650, 0.3176

Sweetspot

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



24.5288, 0.3142, 0.3863



47.2929, 0.3133, 0.3464



25.4382, 0.3456, 0.3746



10.8163, 0.3133, 0.3476



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.



24.5288, 0.3142, 0.3863



42.9353, 0.3144, 0.4011



24.5312, 0.2993, 0.3652



6.0605, 0.3134, 0.3516



17.4924, 0.3043, 0.5966



0.1724, 0.3221, 0.5825

Inverse Universe

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



19.0661, 0.3102, 0.2763



31.3523, 0.3094, 0.2640



19.0880, 0.3291, 0.2954



5.4764, 0.3118, 0.3072



5.5902, 0.2895, 0.1369



0.0598, 0.3060, 0.1459

Previews

White Background



This preview shows how the Yxy color 24.5278, 0.3142, 0.3863 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 24.5278, 0.3142, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

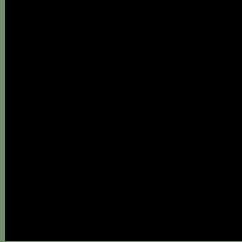
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5278, 0.3142, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 24.5278, 0.3142, 0.3863.



This preview shows how white text looks on a background with the Yxy color 24.5278, 0.3142, 0.3863.

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

24.5278, 0.3142, 0.3863

Protanopia

24.3399, 0.3525, 0.3751

Deuteranopia

24.2710, 0.3610, 0.3535



Tritanopia

24.4845, 0.2853, 0.3099

Trichromacy



Original Color

24.5278, 0.3142, 0.3863

Protanomaly

24.3494, 0.3385, 0.3801

Deuteranomaly

24.2056, 0.3422, 0.3652

Tritanomaly

24.5268, 0.2955, 0.3361

Monochromacy



Original Color

24.5278, 0.3142, 0.3863

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2188, 0.3140, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5278, 0.3142, 0.3863 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(116, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(116, 143, 112)  
}
```

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(116, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 143, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.5278, 0.3142, 0.3863 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(116, 143, 112) }
```

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

```
.border{ border-color:rgb(116, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(116, 143,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5278, 0.3142, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 143, 112) }
```

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

```
.background{ background-color: rgb(116,  
143, 112) }
```

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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