

Converting Colors

$Y_{xy}(24.6279, 0.2951, 0.3609)$

Have a look what the booklet for
Yxy(24.6279, 0.2951, 0.3609)
contains.

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Color

$\text{Yxy}(24.4663, 0.2949, 0.3604)$

Conversions

Conversions Part 1

Format	Color
Hex	6E8F7E
RGB	110, 143, 126
RGB Percent	43%, 56%, 49%
CMY	0.5685, 0.4392, 0.5059
CMYK	0.23, 0.00, 0.12, 0.44
HSL	149°, 13%, 50%
HSV	149°, 23%, 56%
XYZ	20.0197, 24.4663, 23.4005
YIQ	131.1950, -14.2110, -12.2830

Conversions

Conversions Part 2

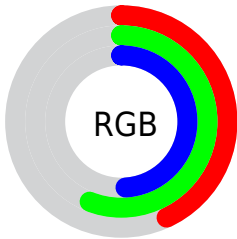
Format	Color
R_{YB}	110, 132, 143
Decimal	7245694
CIE _{Lab}	56.55, -15.23, 5.29
CIE _{LCh}	57, 16.123, 160.844
Yxy	24.4663, 0.2949, 0.3604
Android (android.graphics.Color)	4285435774 (0xFF6E8F7E)
YUV	131.1950, -2.5611, -18.5880
Hunter-Lab	49.4634, -14.3152, 6.5751

Details

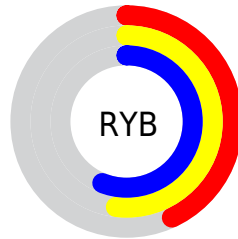
The Yxy color $24.4663, 0.2949, 0.3604$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.5292, 0.3354, 0.2996$, and the grayscale version is $22.7849, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8686, 0.2985, 0.3531$, and $9.3566, 0.2873, 0.3745$ is the 20% darker color. If you saturate the color by 10%, you get $23.4392, 0.2878, 0.3764$, and if you desaturate by 10%, it is $25.6576, 0.3025, 0.3458$.

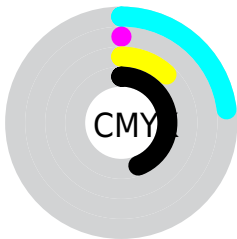
Distribution



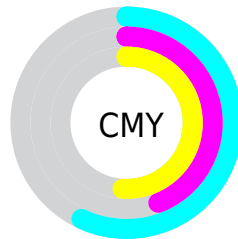
- Red (43%)
- Green (56%)
- Blue (49%)



- Red (43%)
- Yellow (52%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



- Cyan (57%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4663, 0.2949, 0.3604 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 24.4663, 0.2949, 0.3604 by changing the saturation by 10% instead.


 24.4663, 0.2949,
0.3604


 24.4663, 0.2949,
0.3604


275.1695, 0.3049,
0.3427


 15.6799, 0.2919,
0.3657


 50.7901, 0.2989,
0.3534


 9.2979, 0.2878,
0.3731


 69.0962, 0.3002,
0.3509

 4.9360, 0.2816,
0.3842

 91.3444, 0.3014,
0.3489

 2.2098, 0.2713,
0.4028

 117.9190, 0.3023,
0.3473

 0.7253, 0.2171,
0.4958

149.2044, 0.3031,
0.3459

 0.0000, 0.0000,
0.0000

185.5850, 0.3038,

0.3446

227.4453, 0.3044,
0.3436

■ 24.4663, 0.2949,
0.3604

■ 24.4663, 0.2949,
0.3604

■ 23.4392, 0.2878,
0.3764

■ 25.6576, 0.3025,
0.3458

■ 22.5658, 0.2815,
0.3937

■ 27.0168, 0.3103,
0.3327

■ 21.8390, 0.2763,
0.4122

■ 28.5515, 0.3182,
0.3210

■ 21.2503, 0.2724,
0.4316

■ 30.2679, 0.3260,
0.3107

■ 20.7899, 0.2702,
0.4513

■ 32.1717, 0.3337,
0.3015

■ 20.4468, 0.2699,
0.4709

■ 34.2686, 0.3410,
0.2935

■ 20.2080, 0.2714,
0.4899

■ 36.5639, 0.3481,
0.2865

■ 20.0775, 0.2729,
0.5026

■ 39.0628, 0.3549,
0.2803

■ 41.7701, 0.3613,
0.2750

Harmonies

Analogous

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



24.4663, 0.3226, 0.3762



24.4663, 0.2949, 0.3604



24.4663, 0.2726, 0.3352

Triad

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



24.4663, 0.2949, 0.3604



24.4663, 0.2768, 0.2829



24.4663, 0.3673, 0.3446

Complementary

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



24.4663, 0.2949, 0.3604



18.5292, 0.3354, 0.2996

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.



24.4663, 0.3540, 0.3211



24.4663, 0.2949, 0.3604



24.4663, 0.3009, 0.2866

Square

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



24.4663, 0.2949, 0.3604



24.4663, 0.2625, 0.2907



24.4663, 0.3293, 0.3004



24.4663, 0.3652, 0.3653

Rectangle

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



24.4663, 0.2949, 0.3604



24.4663, 0.2635, 0.3176



24.4663, 0.3293, 0.3004



24.4663, 0.3645, 0.3368

Sweetspot

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



24.4673, 0.2949, 0.3604



47.3509, 0.3071, 0.3379



25.2879, 0.3282, 0.3879



10.8305, 0.3067, 0.3386



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.



24.4673, 0.2949, 0.3604



42.7639, 0.2909, 0.3691



24.9279, 0.2802, 0.3299



6.0702, 0.3055, 0.3406



17.7564, 0.2727, 0.5017



0.1742, 0.2508, 0.4228

Inverse Universe

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



18.5292, 0.3354, 0.2996



30.0862, 0.3423, 0.2922



18.1342, 0.3574, 0.3282



5.4676, 0.3206, 0.3177



5.6021, 0.4840, 0.2440



0.0580, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 24.4663, 0.2949, 0.3604 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 24.4663, 0.2949, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

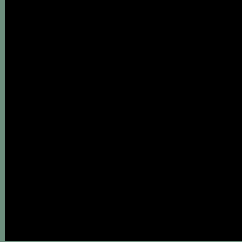
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4663, 0.2949, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 24.4663, 0.2949, 0.3604.



This preview shows how white text looks on a background with the Yxy color 24.4663, 0.2949, 0.3604.

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

24.4663, 0.2949, 0.3604

Protanopia

24.3958, 0.3335, 0.3512

Deuteranopia

24.3969, 0.3384, 0.3324



Tritanopia

24.3444, 0.2769, 0.3079

Trichromacy



Original Color

24.4663, 0.2949, 0.3604

Protanomaly

24.3528, 0.3192, 0.3555

Deuteranomaly

24.1207, 0.3212, 0.3411

Tritanomaly

24.2199, 0.2830, 0.3253

Monochromacy



Original Color

24.4663, 0.2949, 0.3604

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.1239, 0.3056, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4663, 0.2949, 0.3604 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, 143, 126)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 126)  
}
```

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, 143, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.4663, 0.2949, 0.3604 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, 143, 126) }
```

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

```
.border{ border-color:rgb(110, 143, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 143, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 143, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 143, 126);  
box-shadow:4px 4px 4px 4px rgb(110, 143,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4663, 0.2949, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 126) }
```

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

```
.background{ background-color: rgb(110,  
143, 126) }
```

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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