

Converting Colors

$Y_{xy}(24.4301, 0.2958, 0.3545)$

Have a look what the booklet for
Yxy(24.4301, 0.2958, 0.3545)
contains.

Yxy(24.4152, 0.2960, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4152, 0.2960, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	718E80
RGB	113, 142, 128
RGB Percent	44%, 56%, 50%
CMY	0.5568, 0.4431, 0.4981
CMYK	0.20, 0.00, 0.10, 0.44
HSL	151°, 11%, 50%
HSV	151°, 20%, 56%
XYZ	20.3804, 24.4152, 24.0572
YIQ	131.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

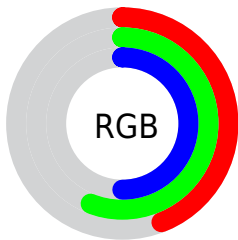
Format	Color
R_{YB}	113, 132, 142
Decimal	7442048
CIE _{Lab}	56.50, -13.24, 4.09
CIE _{LCh}	57, 13.854, 162.816
Yxy	24.4152, 0.2960, 0.3546
Android (android.graphics.Color)	4285632128 (0xFF718E80)
YUV	131.7330, -1.8404, -16.4288
Hunter-Lab	49.4117, -12.8462, 5.7216

Details

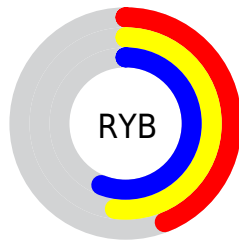
The Yxy color $24.4152, 0.2960, 0.3546$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.0981, 0.3334, 0.3048$, and the grayscale version is $22.9848, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8154, 0.2994, 0.3489$, and $9.3088, 0.2887, 0.3655$ is the 20% darker color. If you saturate the color by 10%, you get $23.3720, 0.2884, 0.3692$, and if you desaturate by 10%, it is $25.6200, 0.3041, 0.3414$.

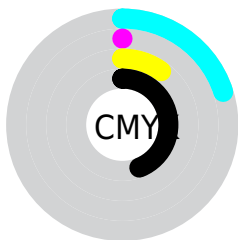
Distribution



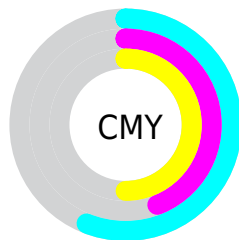
- Red (44%)
- Green (56%)
- Blue (50%)



- Red (44%)
- Yellow (52%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)





- Cyan (56%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4152, 0.2960, 0.3546 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 24.4152, 0.2960, 0.3546 by changing the saturation by 10% instead.


 24.4152, 0.2960,
0.3546


 24.4152, 0.2960,
0.3546


274.9129, 0.3054,
0.3402


 15.6419, 0.2932,
0.3589


 50.7069, 0.2997,
0.3489

 9.2711, 0.2894,
0.3648


 68.9941, 0.3010,
0.3469

 4.9184, 0.2837,
0.3738

 91.2214, 0.3020,
0.3453

 2.1995, 0.2743,
0.3887

 117.7731, 0.3029,
0.3439

 0.7197, 0.2287,
0.4560

149.0338, 0.3037,
0.3428

 0.0000, 0.0000,
0.0000

185.3877, 0.3043,

0.3418

227.2193, 0.3049,
0.3410

■ 24.4152, 0.2960,
0.3546

■ 24.4152, 0.2960,
0.3546

■ 23.3720, 0.2884,
0.3692

■ 25.6200, 0.3041,
0.3414

■ 22.4804, 0.2815,
0.3850

■ 26.9900, 0.3124,
0.3295

■ 21.7337, 0.2757,
0.4020

■ 28.5325, 0.3207,
0.3188

■ 21.1236, 0.2711,
0.4198

■ 30.2534, 0.3290,
0.3094

■ 20.6409, 0.2682,
0.4382

■ 32.1583, 0.3371,
0.3011

■ 20.2753, 0.2671,
0.4567

■ 34.2525, 0.3448,
0.2939

■ 20.0147, 0.2679,
0.4748

■ 36.5414, 0.3523,
0.2875

■ 19.8319, 0.2699,
0.4916

■ 39.0297, 0.3595,
0.2819

■ 41.7222, 0.3662,
0.2770

Harmonies

Analogous

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



24.4152, 0.3198, 0.3688



24.4152, 0.2960, 0.3546



24.4152, 0.2772, 0.3329

Triad

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



24.4152, 0.2960, 0.3546



24.4152, 0.2829, 0.2890



24.4152, 0.3599, 0.3440

Complementary

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



24.4152, 0.2960, 0.3546



19.0981, 0.3334, 0.3048

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.



24.4152, 0.3493, 0.3237



24.4152, 0.2960, 0.3546



24.4152, 0.3042, 0.2928

Square

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



24.4152, 0.2960, 0.3546



24.4152, 0.2698, 0.2953



24.4152, 0.3286, 0.3053



24.4152, 0.3572, 0.3615

Rectangle

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



24.4152, 0.2960, 0.3546



24.4152, 0.2697, 0.3179



24.4152, 0.3286, 0.3053



24.4152, 0.3578, 0.3373

Sweetspot

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



24.4162, 0.2960, 0.3546



46.1773, 0.3076, 0.3361



25.0899, 0.3259, 0.3807



10.2847, 0.3072, 0.3368



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.4162, 0.2960, 0.3546



42.2696, 0.2928, 0.3604



24.8109, 0.2833, 0.3289



6.0730, 0.3051, 0.3398



17.8098, 0.2697, 0.4909



0.1747, 0.2486, 0.4149

Inverse Universe

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



19.0981, 0.3334, 0.3048



31.3292, 0.3386, 0.2997



18.7577, 0.3517, 0.3291



5.4648, 0.3211, 0.3184



5.5488, 0.4975, 0.2514



0.0575, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 24.4152, 0.2960, 0.3546 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 24.4152, 0.2960, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

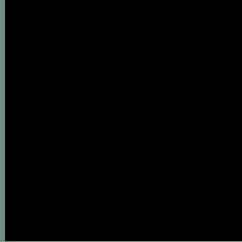
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

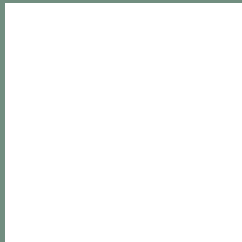
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4152, 0.2960, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 24.4152, 0.2960, 0.3546.



This preview shows how white text looks on a background with the Yxy color 24.4152, 0.2960, 0.3546.

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

24.4152, 0.2960, 0.3546

Protanopia

24.3586, 0.3301, 0.3478

Deuteranopia

24.3283, 0.3361, 0.3307



Tritanopia

24.4492, 0.2797, 0.3097

Trichromacy



Original Color

24.4152, 0.2960, 0.3546

Protanomaly

24.4035, 0.3172, 0.3519

Deuteranomaly

24.2313, 0.3213, 0.3393

Tritanomaly

24.4222, 0.2859, 0.3254

Monochromacy



Original Color

24.4152, 0.2960, 0.3546

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6070, 0.3057, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4152, 0.2960, 0.3546 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.4152, 0.2960, 0.3546 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, 142, 128) }
```

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

```
.border{ border-color:rgb(113, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4152, 0.2960, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 142, 128) }
```

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

```
.background{ background-color: rgb(113,  
142, 128) }
```

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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