

Converting Colors

$Yxy(24.4456, 0.2905, 0.3424)$

Have a look what the booklet for
Yxy(24.4456, 0.2905, 0.3424)
contains.

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Color

$Y_{xy}(24.5779, 0.2904, 0.3434)$

Conversions

Conversions Part 1

Format	Color
Hex	718E86
RGB	113, 142, 134
RGB Percent	44%, 56%, 53%
CMY	0.5570, 0.4431, 0.4744
CMYK	0.20, 0.00, 0.06, 0.44
HSL	163°, 11%, 50%
HSV	163°, 20%, 56%
XYZ	20.7846, 24.5779, 26.2097
YIQ	132.4170, -14.7160, -8.6360

Conversions

Conversions Part 2

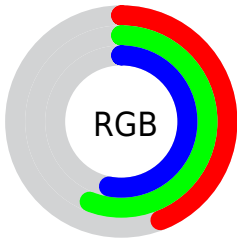
Format	Color
R _Y B	113, 130, 142
Decimal	7442054
CIE Lab	56.66, -11.96, 0.87
CIE LCh	57, 11.995, 175.858
Yxy	24.5779, 0.2904, 0.3434
Android (android.graphics.Color)	4285632134 (0xFF718E86)
YUV	132.4170, 0.7804, -17.0287
Hunter-Lab	49.5761, -11.9228, 3.3580

Details

The Yxy color $24.5779, 0.2904, 0.3434$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.9354, 0.3413, 0.3151$, and the grayscale version is $23.2331, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0670, 0.2952, 0.3408$, and $9.3844, 0.2822, 0.3511$ is the 20% darker color. If you saturate the color by 10%, you get $23.6028, 0.2804, 0.3515$, and if you desaturate by 10%, it is $25.7065, 0.3011, 0.3360$.

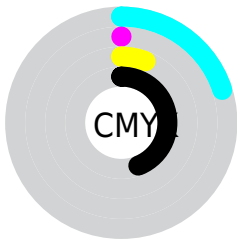
Distribution



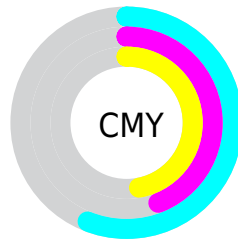
- Red (44%)
- Green (56%)
- Blue (53%)



- Red (44%)
- Yellow (51%)
- Blue (56%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (56%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5779, 0.2904, 0.3434 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 24.5779, 0.2904, 0.3434 by changing the saturation by 10% instead.

■ 24.5779, 0.2904,
0.3434

■ 24.5779, 0.2904,
0.3434

■ 275.7293, 0.3028,
0.3354

■ 15.7629, 0.2868,
0.3457

■ 50.9716, 0.2952,
0.3403

■ 9.3565, 0.2819,
0.3489

■ 69.3191, 0.2969,
0.3392

■ 4.9744, 0.2747,
0.3537

■ 91.6128, 0.2983,
0.3383

■ 2.2323, 0.2631,
0.3613

■ 118.2372, 0.2995,
0.3375

■ 0.7375, 0.2165,
0.3904

■ 149.5767, 0.3005,
0.3369

■ 0.0000, 0.0000,
0.0000

186.0156, 0.3014,

0.3363

227.9383, 0.3021,
0.3358

■ 24.5779, 0.2904,
0.3434

■ 24.5779, 0.2904,
0.3434

■ 23.6028, 0.2804,
0.3515

■ 25.7065, 0.3011,
0.3360

■ 22.7712, 0.2714,
0.3601

■ 26.9918, 0.3122,
0.3293

■ 22.0767, 0.2636,
0.3693

■ 28.4411, 0.3236,
0.3232

■ 21.5112, 0.2573,
0.3790

■ 30.0600, 0.3350,
0.3178

■ 21.0658, 0.2528,
0.3889

■ 31.8540, 0.3462,
0.3130

■ 20.7302, 0.2501,
0.3990

■ 33.8282, 0.3573,
0.3088

■ 20.4928, 0.2492,
0.4091

■ 35.9878, 0.3680,
0.3051

■ 20.3262, 0.2496,
0.4187

■ 38.3374, 0.3783,
0.3019

■ 40.8817, 0.3882,
0.2992

Harmonies

Analogous

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



24.5779, 0.3098, 0.3590



24.5779, 0.2904, 0.3434



24.5779, 0.2772, 0.3240

Triad

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



24.5779, 0.2904, 0.3434



24.5779, 0.2943, 0.2946



24.5779, 0.3538, 0.3493

Complementary

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



24.5779, 0.2904, 0.3434



18.9354, 0.3413, 0.3151

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.



24.5779, 0.3495, 0.3322



24.5779, 0.2904, 0.3434



24.5779, 0.3146, 0.3014

Square

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



24.5779, 0.2904, 0.3434



24.5779, 0.2794, 0.2964



24.5779, 0.3350, 0.3149



24.5779, 0.3467, 0.3618

Rectangle

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



24.5779, 0.2904, 0.3434



24.5779, 0.2734, 0.3120



24.5779, 0.3350, 0.3149



24.5779, 0.3537, 0.3439

Sweetspot

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



24.5789, 0.2904, 0.3434



46.2705, 0.3059, 0.3330



24.6192, 0.3190, 0.3819



10.3073, 0.3052, 0.3334



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.



24.5789, 0.2904, 0.3434



42.4320, 0.2852, 0.3474



22.9908, 0.2825, 0.3176



6.0914, 0.3025, 0.3351



18.2511, 0.2495, 0.4183



0.1782, 0.2366, 0.3718

Inverse Universe

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



18.9354, 0.3413, 0.3151



30.4446, 0.3503, 0.3114



20.1998, 0.3497, 0.3402



5.4470, 0.3241, 0.3230



5.2981, 0.5786, 0.2961



0.0540, 0.4738, 0.2383

Previews

White Background



This preview shows how the Yxy color 24.5779, 0.2904, 0.3434 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 24.5779, 0.2904, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

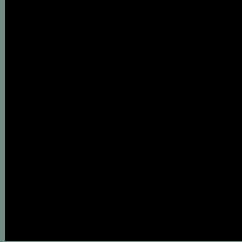
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5779, 0.2904, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 24.5779, 0.2904, 0.3434.



This preview shows how white text looks on a background with the Yxy color 24.5779, 0.2904, 0.3434.

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

24.5779, 0.2904, 0.3434

Protanopia

24.4286, 0.3225, 0.3375

Deuteranopia

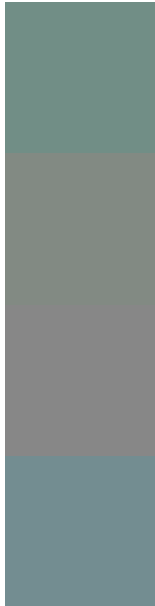
24.3061, 0.3270, 0.3208



Tritanopia

24.7035, 0.2780, 0.3098

Trichromacy



Original Color

24.5779, 0.2904, 0.3434

Protanomaly

24.5615, 0.3110, 0.3412

Deuteranomaly

24.2281, 0.3127, 0.3290

Tritanomaly

24.7389, 0.2824, 0.3219

Monochromacy



Original Color

24.5779, 0.2904, 0.3434

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.6617, 0.3037, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5779, 0.2904, 0.3434 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(113, 142, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 142, 134) }
```

Border

The CSS property to change the border of an element to Yxy 24.5779, 0.2904, 0.3434 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, 134) }
```

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

```
.border{ border-color:rgb(113, 142, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 142, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 142, 134);  
box-shadow:4px 4px 4px 4px rgb(113, 142,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5779, 0.2904, 0.3434 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, 134) }
```

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

```
.background{ background-color: rgb(113,  
142, 134) }
```

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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