

Converting Colors

$Y_{xy}(24.1959, 0.2724, 0.3547)$

Have a look what the booklet for
Yxy(24.1959, 0.2724, 0.3547)
contains.

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Color

Yxy(24.0904, 0.2718, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	5A9184
RGB	90, 145, 132
RGB Percent	35%, 57%, 52%
CMY	0.6468, 0.4314, 0.4823
CMYK	0.38, 0.00, 0.09, 0.43
HSL	166°, 23%, 46%
HSV	166°, 38%, 57%
XYZ	18.5122, 24.0904, 25.5071
YIQ	127.0730, -28.6070, -15.7030

Conversions

Conversions Part 2

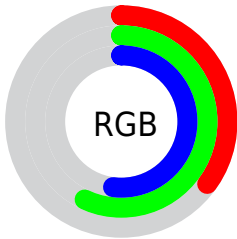
Format	Color
R_{YB}	90, 121, 145
Decimal	5935492
CIE _{Lab}	56.18, -21.28, 1.15
CIE _{LCh}	56, 21.314, 176.895
Y _{xy}	24.0904, 0.2718, 0.3537
Android (android.graphics.Color)	4284125572 (0xFF5A9184)
YUV	127.0730, 2.4290, -32.5130
Hunter-Lab	49.0820, -18.5687, 3.5454

Details

The Yxy color **24.0904, 0.2718, 0.3537** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.3236, 0.3802, 0.3062**, and the grayscale version is **21.2545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1004, 0.2803, 0.3482**, and **9.0613, 0.2554, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **23.3409, 0.2633, 0.3614**, and if you desaturate by 10%, it is **24.9868, 0.2815, 0.3464**.

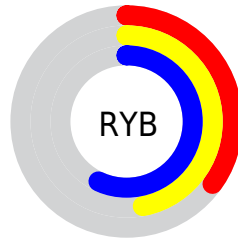
Distribution



Red (35%)

Green (57%)

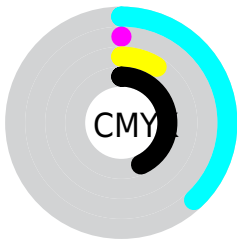
Blue (52%)



Red (35%)

Yellow (47%)

Blue (57%)

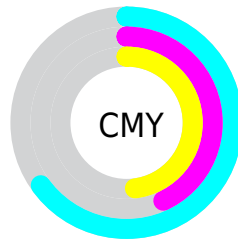


Cyan (38%)

Magenta (0%)

Yellow (9%)

Black (43%)



Cyan (65%)


Magenta (43%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0904, 0.2718, 0.3537 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 24.0904, 0.2718, 0.3537 by changing the saturation by 10% instead.


 24.0904, 0.2718,
0.3537


 24.0904, 0.2718,
0.3537


273.2772, 0.2945,
0.3399


 15.4007, 0.2653,
0.3577


 50.1777, 0.2807,
0.3483


 9.1011, 0.2562,
0.3633


 68.3440, 0.2838,
0.3464

 4.8072, 0.2430,
0.3715

 90.4381, 0.2864,
0.3448

 2.1346, 0.2219,
0.3848

 116.8442, 0.2885,
0.3435

 0.6840, 0.0883,
0.4626

147.9468, 0.2903,
0.3424

 0.0000, 0.0000,
0.0000

184.1302, 0.2919,

0.3415

225.7789, 0.2933,
0.3407

■ 24.0904, 0.2718,
0.3537

■ 24.0904, 0.2718,
0.3537

■ 23.3409, 0.2633,
0.3614

■ 24.9868, 0.2815,
0.3464

■ 22.7270, 0.2563,
0.3695

■ 26.0349, 0.2921,
0.3397

■ 22.2406, 0.2510,
0.3779

■ 27.2426, 0.3035,
0.3335

■ 21.8714, 0.2475,
0.3864

■ 28.6167, 0.3152,
0.3279

■ 21.6074, 0.2459,
0.3950

■ 30.1634, 0.3272,
0.3228

■ 21.4253, 0.2459,
0.4035

■ 31.8886, 0.3392,
0.3183

■ 21.3894, 0.2459,
0.4053

■ 33.7979, 0.3511,
0.3143

■ 35.8969, 0.3627,
0.3108

■ 38.1907, 0.3739,
0.3077

Harmonies

Analogous

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



24.0904, 0.3053, 0.3836



24.0904, 0.2718, 0.3537



24.0904, 0.2498, 0.3176

Triad

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



24.0904, 0.2718, 0.3537



24.0904, 0.2808, 0.2696



24.0904, 0.3865, 0.3642

Complementary

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



24.0904, 0.2718, 0.3537



14.3236, 0.3802, 0.3062

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.



24.0904, 0.3797, 0.3344



24.0904, 0.2718, 0.3537



24.0904, 0.3167, 0.2819

Square

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



24.0904, 0.2718, 0.3537



24.0904, 0.2548, 0.2711



24.0904, 0.3536, 0.3050



24.0904, 0.3723, 0.3874

Rectangle

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



24.0904, 0.2718, 0.3537



24.0904, 0.2440, 0.2964



24.0904, 0.3536, 0.3050



24.0904, 0.3867, 0.3547

Sweetspot

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



24.0914, 0.2718, 0.3537



48.0369, 0.2996, 0.3355



23.9185, 0.3213, 0.4353



10.6286, 0.2983, 0.3362



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.



24.0914, 0.2718, 0.3537



42.0471, 0.2649, 0.3599



20.5241, 0.2578, 0.3026



6.0948, 0.3020, 0.3342



18.3532, 0.2458, 0.4048



0.1789, 0.2347, 0.3649

Inverse Universe

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



14.3236, 0.3802, 0.3062



22.0895, 0.4021, 0.3014



16.6190, 0.3927, 0.3536



5.4437, 0.3247, 0.3238



5.2673, 0.5912, 0.3031



0.0533, 0.4900, 0.2473

Previews

White Background



This preview shows how the Yxy color 24.0904, 0.2718, 0.3537 looks on a white background.

Color Contrast Check

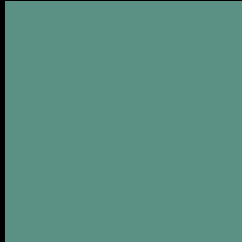
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0904, 0.2718, 0.3537 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 24.0904, 0.2718, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 24.0904, 0.2718, 0.3537.

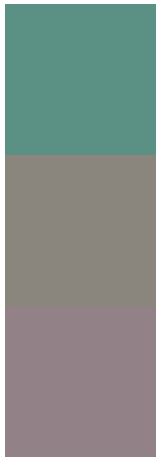


This preview shows how white text looks on a background with the Yxy color 24.0904, 0.2718, 0.3537.

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

24.0904, 0.2718, 0.3537

Protanopia

23.9598, 0.3258, 0.3428

Deuteranopia

23.8255, 0.3259, 0.3208



Tritanopia

24.0788, 0.2584, 0.3089

Trichromacy



Original Color

24.0904, 0.2718, 0.3537

Protanomaly

23.8004, 0.3043, 0.3470

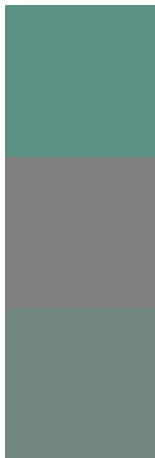
Deuteranomaly

23.4848, 0.3038, 0.3307

Tritanomaly

24.0164, 0.2633, 0.3251

Monochromacy



Original Color

24.0904, 0.2718, 0.3537

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2126, 0.2958, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0904, 0.2718, 0.3537 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(90, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(90, 145, 132)  
}
```

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(90, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 145, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.0904, 0.2718, 0.3537 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(90, 145, 132) }
```

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

```
.border{ border-color:rgb(90, 145, 132) }
```

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

Here you see how a box with a 4 pixel rgb(90, 145, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(90, 145,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0904, 0.2718, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 145, 132) }
```

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

```
.background{ background-color: rgb(90, 145,  
132) }
```

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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