

Converting Colors

$Y_{xy}(24.2484, 0.3152, 0.2930)$

Have a look what the booklet for
Yxy(24.2484, 0.3152, 0.2930)
contains.

Yxy(24.2520, 0.3144, 0.2925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.2520, 0.3144, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	978097
RGB	151, 128, 151
RGB Percent	59%, 50%, 59%
CMY	0.4079, 0.4980, 0.4078
CMYK	0.00, 0.15, 0.00, 0.41
HSL	300°, 10%, 55%
HSV	300°, 15%, 59%
XYZ	26.0678, 24.2520, 32.5930
YIQ	137.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

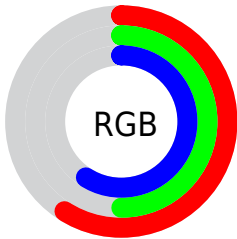
Format	Color
R_{YB}	151, 128, 151
Decimal	9928855
CIE _{Lab}	56.34, 13.05, -9.07
CIE _{LCh}	56, 15.890, 325.213
Yxy	24.2520, 0.3144, 0.2925
Android (android.graphics.Color)	4288118935 (0xFF978097)
YUV	137.4990, 6.6560, 11.8404
Hunter-Lab	49.2463, 8.3052, -4.7679

Details

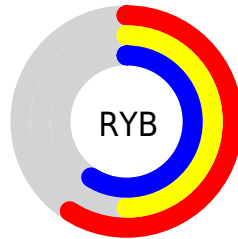
The Yxy color $24.2520, 0.3144, 0.2925$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.2893, 0.3109, 0.3684$, and the grayscale version is $25.1881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4347, 0.3141, 0.3004$, and $9.2214, 0.3150, 0.2806$ is the 20% darker color. If you saturate the color by 10%, you get $20.6005, 0.3155, 0.2681$, and if you desaturate by 10%, it is $28.4919, 0.3133, 0.3166$.

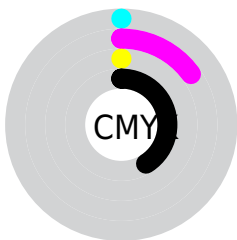
Distribution



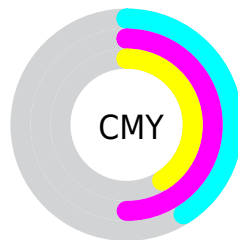
- Red (59%)
- Green (50%)
- Blue (59%)



- Red (59%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)





- Cyan (41%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2520, 0.3144, 0.2925 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 24.2520, 0.3144, 0.2925 by changing the saturation by 10% instead.


 24.2520, 0.3144,
0.2925


 24.2520, 0.3144,
0.2925


274.0920, 0.3137,
0.3122


 15.5207, 0.3145,
0.2870


 50.4411, 0.3142,
0.3001

 9.1856, 0.3146,
0.2796


 68.6677, 0.3141,
0.3028

 4.8624, 0.3146,
0.2691

 90.8281, 0.3140,
0.3050

 2.1668, 0.3144,
0.2529

117.3068, 0.3139,
0.3069

 0.7018, 0.3143,
0.2220

148.4881, 0.3139,
0.3085

 0.0000, 0.0000,
0.0000

184.7565, 0.3138,

0.3099

226.4964, 0.3137,
0.3112

■ 24.2520, 0.3144,
0.2925

■ 24.2520, 0.3144,
0.2925

■ 20.6005, 0.3155,
0.2681

■ 28.4919, 0.3133,
0.3166

■ 17.5086, 0.3166,
0.2443

■ 33.3414, 0.3122,
0.3400

■ 14.9495, 0.3176,
0.2218

■ 38.8244, 0.3112,
0.3621

■ 12.8931, 0.3186,
0.2015

■ 44.9624, 0.3102,
0.3829

■ 11.3063, 0.3193,
0.1844

■ 51.7762, 0.3093,
0.4020

■ 10.1521, 0.3199,
0.1709

■ 59.2855, 0.3085,
0.4195

■ 9.3878, 0.3203,
0.1615

■ 67.5093, 0.3078,
0.4355

■ 8.9573, 0.3206,
0.1560

■ 76.4657, 0.3071,
0.4499

■ 8.8005, 0.3207,
0.1540

■ 80.3478, 0.3068,
0.4554

Harmonies

Analogous

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



24.2520, 0.2877, 0.2838



24.2520, 0.3144, 0.2925



24.2520, 0.3418, 0.3099

Triad

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



24.2520, 0.3144, 0.2925



24.2520, 0.3582, 0.3721



24.2520, 0.2660, 0.3225

Complementary

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



24.2520, 0.3144, 0.2925



28.2893, 0.3109, 0.3684

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.



24.2520, 0.2835, 0.3488



24.2520, 0.3144, 0.2925



24.2520, 0.3366, 0.3782

Square

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



24.2520, 0.3144, 0.2925



24.2520, 0.3676, 0.3549



24.2520, 0.3092, 0.3698



24.2520, 0.2607, 0.2996

Rectangle

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



24.2520, 0.3144, 0.2925



24.2520, 0.3563, 0.3246



24.2520, 0.3092, 0.3698



24.2520, 0.2707, 0.3313

Sweetspot

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



24.2531, 0.3144, 0.2925



51.1254, 0.3133, 0.3170



22.3641, 0.2889, 0.2902



11.5009, 0.3133, 0.3154



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.2531, 0.3144, 0.2925



41.2713, 0.3148, 0.2849



23.9108, 0.3267, 0.3098



6.3233, 0.3137, 0.3071



7.4849, 0.3207, 0.1540



0.1120, 0.3208, 0.1541

Inverse Universe

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



23.5797, 0.3403, 0.3290



39.8497, 0.3471, 0.3291



28.5966, 0.3008, 0.3490



6.2228, 0.3283, 0.3290



5.5975, 0.6399, 0.3299



0.0837, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 24.2520, 0.3144, 0.2925 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 24.2520, 0.3144, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

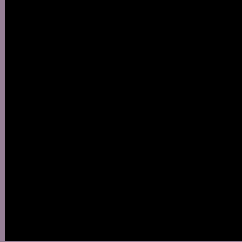
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2520, 0.3144, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 24.2520, 0.3144, 0.2925.



This preview shows how white text looks on a background with the Yxy color 24.2520, 0.3144, 0.2925.

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

24.2520, 0.3144, 0.2925

Protanopia

24.3223, 0.2896, 0.2940

Deuteranopia

24.3673, 0.3041, 0.2995



Tritanopia

24.2483, 0.3239, 0.3128

Trichromacy



Original Color

24.2520, 0.3144, 0.2925

Protanomaly

24.3246, 0.2979, 0.2930

Deuteranomaly

24.4543, 0.3085, 0.2982

Tritanomaly

24.1982, 0.3208, 0.3049

Monochromacy



Original Color

24.2520, 0.3144, 0.2925

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8730, 0.3134, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2520, 0.3144, 0.2925 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(151, 128, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 151)  
}
```

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(151, 128, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 151) }
```

Border

The CSS property to change the border of an element to Yxy 24.2520, 0.3144, 0.2925 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(151, 128, 151) }
```

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

```
.border{ border-color:rgb(151, 128, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 128, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 128, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 128, 151); box-shadow:4px 4px 4px 4px rgb(151, 128, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2520, 0.3144, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 151) }
```

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

```
.background{ background-color: rgb(151,  
128, 151) }
```

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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