

Converting Colors

$Y_{xy}(24.1345, 0.3142, 0.2984)$

Have a look what the booklet for
Yxy(24.1345, 0.3142, 0.2984)
contains.

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Color

Yxy(24.1345, 0.3142, 0.2984)

Conversions

Conversions Part 1

Format	Color
Hex	948194
RGB	148, 129, 148
RGB Percent	58%, 51%, 58%
CMY	0.4195, 0.4941, 0.4196
CMYK	0.00, 0.13, 0.00, 0.42
HSL	300°, 8%, 54%
HSV	300°, 13%, 58%
XYZ	25.4124, 24.1345, 31.3328
YIQ	136.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

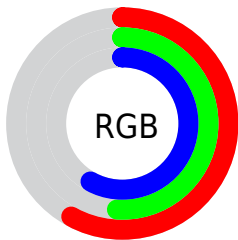
Format	Color
R_{YB}	148, 129, 148
Decimal	9732500
CIE _{Lab}	56.22, 10.81, -7.52
CIE _{LCh}	56, 13.167, 325.171
Yxy	24.1345, 0.3142, 0.2984
Android (android.graphics.Color)	4287922580 (0xFF948194)
YUV	136.8470, 5.4984, 9.7812
Hunter-Lab	49.1269, 6.3626, -3.4260

Details

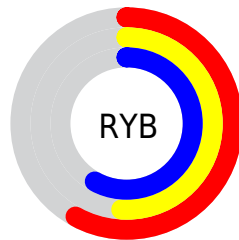
The Yxy color $24.1345, 0.3142, 0.2984$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.4433, 0.3111, 0.3616$, and the grayscale version is $24.9345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2767, 0.3138, 0.3049$, and $9.1418, 0.3146, 0.2889$ is the 20% darker color. If you saturate the color by 10%, you get $20.5133, 0.3154, 0.2741$, and if you desaturate by 10%, it is $28.3228, 0.3130, 0.3223$.

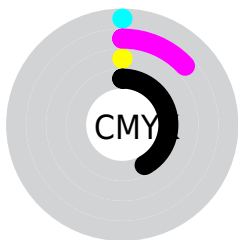
Distribution



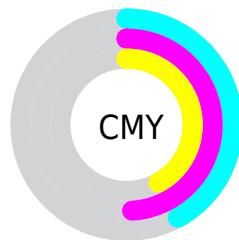
- Red (58%)
- Green (51%)
- Blue (58%)



- Red (58%)
- Yellow (51%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (42%)





- Cyan (42%)
- Magenta (49%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1345, 0.3142, 0.2984 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 24.1345, 0.3142, 0.2984 by changing the saturation by 10% instead.


 24.1345, 0.3142,
0.2984


 24.1345, 0.3142,
0.2984


273.4998, 0.3135,
0.3150


 15.4334, 0.3143,
0.2937


 50.2496, 0.3140,
0.3048

 9.1241, 0.3145,
0.2874


 68.4324, 0.3139,
0.3071

 4.8222, 0.3146,
0.2784

 90.5446, 0.3138,
0.3090

 2.1433, 0.3145,
0.2643

116.9705, 0.3137,
0.3106

 0.6888, 0.3154,
0.2359

148.0946, 0.3137,
0.3119

 0.0000, 0.0000,
0.0000

184.3012, 0.3136,

0.3131

225.9748, 0.3136,
0.3141

■ 24.1345, 0.3142,
0.2984

■ 24.1345, 0.3142,
0.2984

■ 20.5133, 0.3154,
0.2741

■ 28.3228, 0.3130,
0.3223

■ 17.4318, 0.3166,
0.2502

■ 33.0978, 0.3119,
0.3453

■ 14.8653, 0.3177,
0.2274

■ 38.4821, 0.3109,
0.3671

■ 12.7855, 0.3187,
0.2065

■ 44.4959, 0.3099,
0.3873

■ 11.1619, 0.3196,
0.1886

■ 51.1588, 0.3090,
0.4060

■ 9.9600, 0.3204,
0.1742

■ 58.4894, 0.3082,
0.4231

■ 9.1409, 0.3209,
0.1639

■ 66.5055, 0.3075,
0.4387

■ 8.6582, 0.3213,
0.1575

■ 75.2244, 0.3068,
0.4527

■ 8.4280, 0.3215,
0.1545

■ 79.9665, 0.3065,
0.4594

Harmonies

Analogous

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



24.1345, 0.2919, 0.2911



24.1345, 0.3142, 0.2984



24.1345, 0.3368, 0.3131

Triad

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



24.1345, 0.3142, 0.2984



24.1345, 0.3506, 0.3649



24.1345, 0.2738, 0.3238

Complementary

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



24.1345, 0.3142, 0.2984



27.4433, 0.3111, 0.3616

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.



24.1345, 0.2885, 0.3454



24.1345, 0.3142, 0.2984



24.1345, 0.3327, 0.3696

Square

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



24.1345, 0.3142, 0.2984



24.1345, 0.3582, 0.3508



24.1345, 0.3099, 0.3626



24.1345, 0.2692, 0.3048

Rectangle

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



24.1345, 0.3142, 0.2984



24.1345, 0.3488, 0.3255



24.1345, 0.3099, 0.3626



24.1345, 0.2777, 0.3311

Sweetspot

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



24.1355, 0.3142, 0.2984



48.9957, 0.3132, 0.3194



22.5042, 0.2929, 0.2963



11.0607, 0.3133, 0.3178



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.1355, 0.3142, 0.2984



40.9179, 0.3145, 0.2925



23.8475, 0.3246, 0.3134



5.9090, 0.3138, 0.3072



7.1952, 0.3215, 0.1545



0.0881, 0.3212, 0.1543

Inverse Universe

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



24.1355, 0.3142, 0.2984



40.9179, 0.3145, 0.2925



27.7073, 0.3023, 0.3451



5.9090, 0.3138, 0.3072



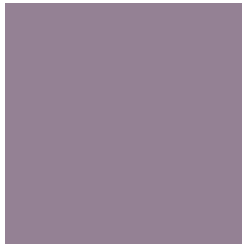
7.1952, 0.3215, 0.1545



0.0881, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 24.1345, 0.3142, 0.2984 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 24.1345, 0.3142, 0.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

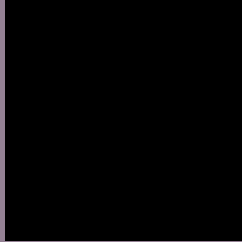
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1345, 0.3142, 0.2984

Background



This preview shows how black text looks on a background with the Yxy color 24.1345, 0.3142, 0.2984.



This preview shows how white text looks on a background with the Yxy color 24.1345, 0.3142, 0.2984.

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

24.1345, 0.3142, 0.2984

Protanopia

24.1901, 0.2934, 0.3004

Deuteranopia

24.1215, 0.3073, 0.3011



Tritanopia

24.0618, 0.3216, 0.3126

Trichromacy



Original Color

24.1345, 0.3142, 0.2984

Protanomaly

24.1078, 0.3008, 0.2992

Deuteranomaly

24.0327, 0.3096, 0.2996

Tritanomaly

24.1515, 0.3183, 0.3078

Monochromacy



Original Color

24.1345, 0.3142, 0.2984

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.6360, 0.3133, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1345, 0.3142, 0.2984 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(148, 129, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 129, 148)  
}
```

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(148, 129, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 129, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.1345, 0.3142, 0.2984 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(148, 129, 148) }
```

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

```
.border{ border-color:rgb(148, 129, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 129, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 129, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 129, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 129,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1345, 0.3142, 0.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 129, 148) }
```

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

```
.background{ background-color: rgb(148,  
129, 148) }
```

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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