

Converting Colors

$Y_{xy}(22.7850, 0.3331, 0.3143)$

Have a look what the booklet for
Yxy(22.7850, 0.3331, 0.3143)
contains.

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Color

Yxy(22.8725, 0.3327, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	967D86
RGB	150, 125, 134
RGB Percent	59%, 49%, 53%
CMY	0.4118, 0.5098, 0.4746
CMYK	0.00, 0.17, 0.11, 0.41
HSL	338°, 11%, 54%
HSV	338°, 17%, 59%
XYZ	24.2115, 22.8725, 25.6888
YIQ	133.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

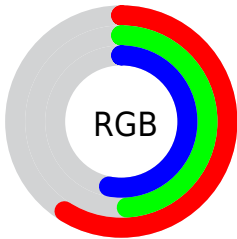
Format	Color
R _Y B	150, 125, 134
Decimal	9862534
CIE Lab	54.94, 11.18, -1.27
CIE LCh	55, 11.248, 353.511
Yxy	22.8725, 0.3327, 0.3143
Android (android.graphics.Color)	4288052614 (0xFF967D86)
YUV	133.5010, 0.2460, 14.4696
Hunter-Lab	47.8252, 6.6716, 1.6306

Details

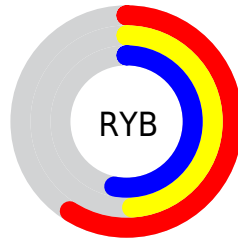
The Yxy color $22.8725, 0.3327, 0.3143$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.0918, 0.2962, 0.3442$, and the grayscale version is $23.6434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.2660, 0.3281, 0.3180$, and $8.4616, 0.3415, 0.3097$ is the 20% darker color. If you saturate the color by 10%, you get $19.1021, 0.3482, 0.3049$, and if you desaturate by 10%, it is $27.2428, 0.3199, 0.3233$.

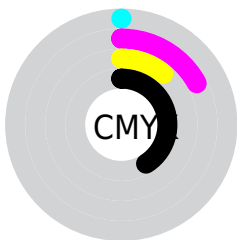
Distribution



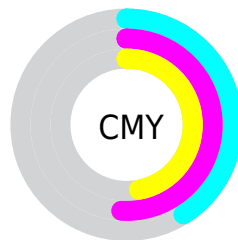
- Red (59%)
- Green (49%)
- Blue (53%)



- Red (59%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (41%)





- Cyan (41%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8725, 0.3327, 0.3143 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 22.8725, 0.3327, 0.3143 by changing the saturation by 10% instead.


 22.8725, 0.3327,
0.3143


 22.8725, 0.3327,
0.3143


267.0695, 0.3216,
0.3225


 14.4994, 0.3360,
0.3119


 48.1839, 0.3283,
0.3175

 8.4688, 0.3405,
0.3087


 65.8910, 0.3268,
0.3186

 4.3964, 0.3472,
0.3038

 87.4781, 0.3255,
0.3196

 1.8977, 0.3581,
0.2960

113.3298, 0.3245,
0.3203

 0.5470, 0.3916,
0.2702

143.8304, 0.3236,
0.3210

 0.0000, 0.0000,
0.0000

179.3643, 0.3228,

0.3216

220.3158, 0.3221,
0.3220

■ 22.8725, 0.3327,
0.3143

■ 22.8725, 0.3327,
0.3143

■ 19.1021, 0.3482,
0.3049

■ 27.2428, 0.3199,
0.3233

■ 15.9022, 0.3669,
0.2954

■ 32.2345, 0.3094,
0.3318

■ 13.2456, 0.3891,
0.2863

■ 37.8719, 0.3008,
0.3396

■ 11.1017, 0.4151,
0.2783

■ 44.1770, 0.2937,
0.3468

■ 9.4366, 0.4445,
0.2724

■ 51.1709, 0.2878,
0.3534

■ 8.2125, 0.4763,
0.2699

■ 58.8736, 0.2830,
0.3594

■ 7.3858, 0.5088,
0.2717

■ 67.3043, 0.2789,
0.3649

■ 6.8884, 0.5397,
0.2781

■ 76.4816, 0.2756,
0.3700

■ 6.7482, 0.5500,
0.2803

■ 83.1935, 0.2721,
0.3692

Harmonies

Analogous

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



22.8725, 0.3129, 0.3017



22.8725, 0.3327, 0.3143



22.8725, 0.3473, 0.3308

Triad

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



22.8725, 0.3327, 0.3143



22.8725, 0.3312, 0.3643



22.8725, 0.2747, 0.3088

Complementary

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



22.8725, 0.3327, 0.3143



28.0918, 0.2962, 0.3442

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.



22.8725, 0.2793, 0.3257



22.8725, 0.3327, 0.3143



22.8725, 0.3115, 0.3586

Square

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



22.8725, 0.3327, 0.3143



22.8725, 0.3463, 0.3598



22.8725, 0.2926, 0.3442



22.8725, 0.2799, 0.2981

Rectangle

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



22.8725, 0.3327, 0.3143



22.8725, 0.3518, 0.3421



22.8725, 0.2926, 0.3442



22.8725, 0.2751, 0.3139

Sweetspot

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



22.8735, 0.3327, 0.3143



49.3829, 0.3182, 0.3247



22.5191, 0.3041, 0.2878



10.8262, 0.3189, 0.3241



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.



22.8735, 0.3327, 0.3143



37.7625, 0.3382, 0.3108



23.4909, 0.3424, 0.3346



5.8478, 0.3229, 0.3211



5.6038, 0.5481, 0.2793



0.0739, 0.4432, 0.2215

Inverse Universe

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



22.8735, 0.3327, 0.3143



37.7625, 0.3382, 0.3108



27.3225, 0.2881, 0.3233



5.8478, 0.3229, 0.3211



5.6038, 0.5481, 0.2793



0.0739, 0.4432, 0.2215

Previews

White Background



This preview shows how the Yxy color 22.8725, 0.3327, 0.3143 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 22.8725, 0.3327, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

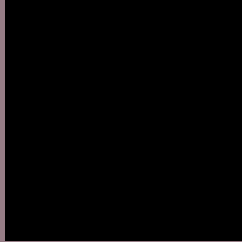
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8725, 0.3327, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 22.8725, 0.3327, 0.3143.



This preview shows how white text looks on a background with the Yxy color 22.8725, 0.3327, 0.3143.

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

22.8725, 0.3327, 0.3143

Protanopia

22.9443, 0.3075, 0.3186

Deuteranopia

22.9992, 0.3238, 0.3189



Tritanopia

22.9005, 0.3315, 0.3126

Trichromacy



Original Color

22.8725, 0.3327, 0.3143

Protanomaly

22.9671, 0.3168, 0.3171

Deuteranomaly

23.0110, 0.3275, 0.3174

Tritanomaly

22.9005, 0.3315, 0.3126

Monochromacy



Original Color

22.8725, 0.3327, 0.3143

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5293, 0.3199, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8725, 0.3327, 0.3143 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(150, 125, 134)` looks like.

```
.text, #text, p{  
    color:rgb(150, 125, 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(150, 125, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 125, 134) }
```

Border

The CSS property to change the border of an element to Yxy 22.8725, 0.3327, 0.3143 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(150, 125, 134) }
```

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

```
.border{ border-color:rgb(150, 125, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 125, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 125, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 125, 134);  
box-shadow:4px 4px 4px 4px rgb(150, 125,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8725, 0.3327, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 125, 134) }
```

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

```
.background{ background-color: rgb(150,  
125, 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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