

Converting Colors

$Y_{xy}(27.3624, 0.3225, 0.3090)$

Have a look what the booklet for
Yxy(27.3624, 0.3225, 0.3090)
contains.

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Color

Yxy(27.3624, 0.3225, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	9E8996
RGB	158, 137, 150
RGB Percent	62%, 54%, 59%
CMY	0.3802, 0.4628, 0.4118
CMYK	0.00, 0.13, 0.05, 0.38
HSL	323°, 10%, 58%
HSV	323°, 13%, 62%
XYZ	28.5578, 27.3624, 32.6312
YIQ	144.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

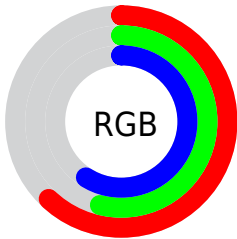
Format	Color
R_{YB}	158, 137, 150
Decimal	10389910
CIE _{Lab}	59.31, 10.28, -4.00
CIE _{LCh}	59, 11.033, 338.751
Yxy	27.3624, 0.3225, 0.3090
Android (android.graphics.Color)	4288579990 (0xFF9E8996)
YUV	144.7610, 2.5828, 11.6106
Hunter-Lab	52.3091, 5.9102, -0.3697

Details

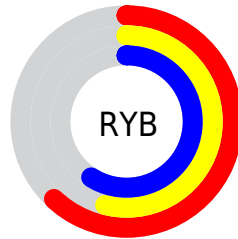
The Yxy color $27.3624, 0.3225, 0.3090$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.8318, 0.3040, 0.3499$, and the grayscale version is $28.2025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3327, 0.3208, 0.3128$, and $10.8430, 0.3271, 0.3025$ is the 20% darker color. If you saturate the color by 10%, you get $23.0056, 0.3314, 0.2933$, and if you desaturate by 10%, it is $32.3898, 0.3149, 0.3241$.

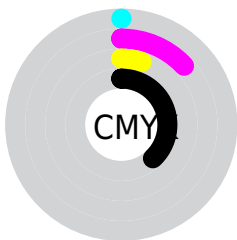
Distribution



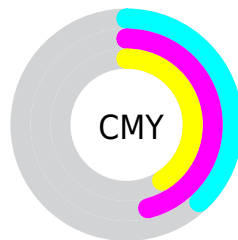
- Red (62%)
- Green (54%)
- Blue (59%)



- Red (62%)
- Yellow (54%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (38%)





- Cyan (38%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3624, 0.3225, 0.3090 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 27.3624, 0.3225, 0.3090 by changing the saturation by 10% instead.


 27.3624, 0.3225,
0.3090


 27.3624, 0.3225,
0.3090


289.4075, 0.3173,
0.3197


 17.8456, 0.3239,
0.3060


 55.4649, 0.3205,
0.3131

 10.8392, 0.3259,
0.3021


 74.8193, 0.3198,
0.3146

 5.9588, 0.3286,
0.2964


 98.2217, 0.3192,
0.3158

 2.8200, 0.3329,
0.2878

126.0565, 0.3187,
0.3168

 1.0385, 0.3401,
0.2731

158.7081, 0.3182,
0.3177

 0.0000, 0.4760,
0.0000


196.5609, 0.3179,


 0.0000, 0.0000,

0.3185


0.0000

239.9992, 0.3175,
0.3192


 27.3624, 0.3225,
0.3090


 27.3624, 0.3225,
0.3090


 23.0056, 0.3314,
0.2933


 32.3898, 0.3149,
0.3241

 19.2871, 0.3419,
0.2773


 38.1111, 0.3086,
0.3385


 16.1774, 0.3540,
0.2617

 44.5529, 0.3033,
0.3518

 13.6432, 0.3678,
0.2472

 51.7394, 0.2989,
0.3642

 11.6480, 0.3830,
0.2348

 59.6935, 0.2952,
0.3756

■ 10.1510, 0.3994,
0.2256

■ 68.4373, 0.2922,
0.3860

■ 9.1057, 0.4164,
0.2207

■ 77.9919, 0.2896,
0.3956

■ 8.4565, 0.4334,
0.2207

■ 82.8845, 0.2870,
0.3958

■ 8.1496, 0.4449,
0.2224

■ 83.1692, 0.2839,
0.3884

Harmonies

Analogous

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



27.3624, 0.3038, 0.3001



27.3624, 0.3225, 0.3090



27.3624, 0.3389, 0.3229

Triad

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



27.3624, 0.3225, 0.3090



27.3624, 0.3375, 0.3607



27.3624, 0.2785, 0.3176

Complementary

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



27.3624, 0.3225, 0.3090



31.8318, 0.3040, 0.3499

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.



27.3624, 0.2870, 0.3345



27.3624, 0.3225, 0.3090



27.3624, 0.3208, 0.3600

Square

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



27.3624, 0.3225, 0.3090



27.3624, 0.3477, 0.3526



27.3624, 0.3023, 0.3504



27.3624, 0.2788, 0.3045

Rectangle

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



27.3624, 0.3225, 0.3090



27.3624, 0.3461, 0.3335



27.3624, 0.3023, 0.3504



27.3624, 0.2804, 0.3230

Sweetspot

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



27.3636, 0.3225, 0.3090



58.0513, 0.3155, 0.3230



26.3513, 0.3000, 0.2956



12.9313, 0.3160, 0.3220



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.3636, 0.3225, 0.3090



47.1725, 0.3250, 0.3043



27.0489, 0.3334, 0.3247



6.7116, 0.3193, 0.3153



6.5307, 0.4435, 0.2217



0.1248, 0.3840, 0.1889

Inverse Universe

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



27.3636, 0.3225, 0.3090



47.1725, 0.3250, 0.3043



32.1611, 0.2953, 0.3334



6.7116, 0.3193, 0.3153



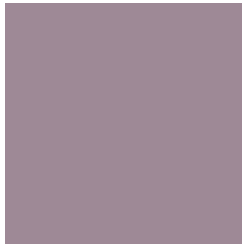
6.5307, 0.4435, 0.2217



0.1248, 0.3840, 0.1889

Previews

White Background



This preview shows how the Yxy color 27.3624, 0.3225, 0.3090 looks on a white background.

Color Contrast Check

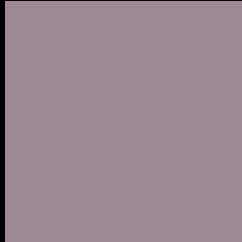
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3624, 0.3225, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

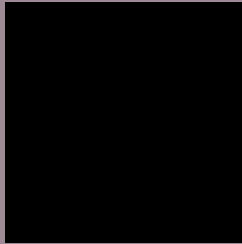
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3624, 0.3225, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 27.3624, 0.3225, 0.3090.



This preview shows how white text looks on a background with the Yxy color 27.3624, 0.3225, 0.3090.

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

27.3624, 0.3225, 0.3090

Protanopia

27.3967, 0.3020, 0.3113

Deuteranopia

27.5373, 0.3179, 0.3119



Tritanopia

27.2985, 0.3245, 0.3121

Trichromacy



Original Color

27.3624, 0.3225, 0.3090

Protanomaly

27.3191, 0.3093, 0.3100

Deuteranomaly

27.3475, 0.3190, 0.3104

Tritanomaly

27.3303, 0.3235, 0.3105

Monochromacy



Original Color

27.3624, 0.3225, 0.3090

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9366, 0.3163, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3624, 0.3225, 0.3090 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(158, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 150)  
}
```

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(158, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 150) }
```

Border

The CSS property to change the border of an element to Yxy 27.3624, 0.3225, 0.3090 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(158, 137, 150) }
```

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

```
.border{ border-color:rgb(158, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3624, 0.3225, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 150) }
```

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

```
.background{ background-color: rgb(158,  
137, 150) }
```

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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