

Converting Colors

$Y_{xy}(23.3605, 0.3248, 0.2960)$

Have a look what the booklet for
Yxy(23.3605, 0.3248, 0.2960)
contains.

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Color

Yxy(23.3297, 0.3250, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	9A7C91
RGB	154, 124, 145
RGB Percent	60%, 49%, 57%
CMY	0.3960, 0.5138, 0.4313
CMYK	0.00, 0.20, 0.06, 0.40
HSL	318°, 13%, 55%
HSV	318°, 20%, 60%
XYZ	25.6500, 23.3297, 29.9435
YIQ	135.3640, 11.1390, 12.8910

Conversions

Conversions Part 2

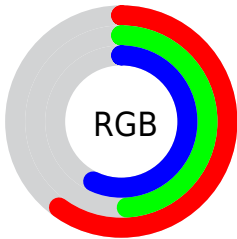
Format	Color
R_{YB}	154, 124, 145
Decimal	10124433
CIE _{Lab}	55.41, 15.31, -6.94
CIE _{LCh}	55, 16.808, 335.618
Yxy	23.3297, 0.3250, 0.2956
Android (android.graphics.Color)	4288314513 (0xFF9A7C91)
YUV	135.3640, 4.7505, 16.3438
Hunter-Lab	48.3008, 10.2656, -2.9455

Details

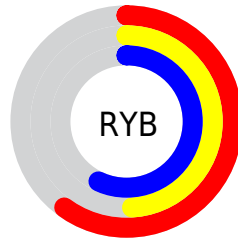
The Yxy color $23.3297, 0.3250, 0.2956$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.1000, 0.3023, 0.3649$, and the grayscale version is $24.3513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.1231, 0.3226, 0.3028$, and $8.7419, 0.3294, 0.2830$ is the 20% darker color. If you saturate the color by 10%, you get $19.6274, 0.3329, 0.2778$, and if you desaturate by 10%, it is $27.6429, 0.3182, 0.3131$.

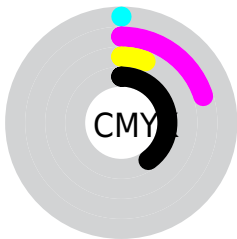
Distribution



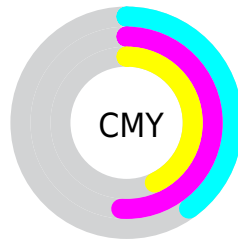
- Red (60%)
- Green (49%)
- Blue (57%)



- Red (60%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (6%)
- Black (40%)




- Cyan (40%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3297, 0.3250, 0.2956 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 23.3297, 0.3250, 0.2956 by changing the saturation by 10% instead.


 23.3297, 0.3250,
0.2956


 23.3297, 0.3250,
0.2956


269.4139, 0.3184,
0.3138

 14.8371, 0.3268,
0.2905


 48.9341, 0.3225,
0.3026

 8.7052, 0.3293,
0.2836


 66.8148, 0.3215,
0.3051

 4.5494, 0.3329,
0.2736

 88.5936, 0.3208,
0.3072

 1.9854, 0.3383,
0.2581

114.6550, 0.3201,
0.3089

 0.5990, 0.3516,
0.2223

145.3833, 0.3196,
0.3104

 0.0000, 0.0000,
0.0000

181.1630, 0.3191,

0.3117

222.3784, 0.3187,
0.3128

■ 23.3297, 0.3250,
0.2956

■ 23.3297, 0.3250,
0.2956

■ 19.6274, 0.3329,
0.2778

■ 27.6429, 0.3182,
0.3131

■ 16.5050, 0.3419,
0.2602

■ 32.5901, 0.3125,
0.3298

■ 13.9332, 0.3520,
0.2435

■ 38.1970, 0.3076,
0.3456

■ 11.8792, 0.3632,
0.2286

■ 44.4868, 0.3035,
0.3603

■ 10.3064, 0.3752,
0.2166

■ 51.4818, 0.3000,
0.3740

■ 9.1737, 0.3877,
0.2084

■ 59.2031, 0.2972,
0.3865

■ 8.4328, 0.4001,
0.2047

■ 67.6710, 0.2948,
0.3981

■ 7.9727, 0.4125,
0.2049

■ 76.9050, 0.2928,
0.4086

■ 7.9512, 0.4131,
0.2050

■ 81.9656, 0.2908,
0.4107

Harmonies

Analogous

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



23.3297, 0.2952, 0.2827



23.3297, 0.3250, 0.2956



23.3297, 0.3526, 0.3165

Triad

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



23.3297, 0.3250, 0.2956



23.3297, 0.3546, 0.3791



23.3297, 0.2593, 0.3126

Complementary

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



23.3297, 0.3250, 0.2956



29.1000, 0.3023, 0.3649

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.



23.3297, 0.2737, 0.3405



23.3297, 0.3250, 0.2956



23.3297, 0.3283, 0.3806

Square

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



23.3297, 0.3250, 0.2956



23.3297, 0.3699, 0.3640



23.3297, 0.2987, 0.3662



23.3297, 0.2584, 0.2911

Rectangle

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



23.3297, 0.3250, 0.2956



23.3297, 0.3653, 0.3328



23.3297, 0.2987, 0.3662



23.3297, 0.2627, 0.3215

Sweetspot

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



23.3307, 0.3250, 0.2956



53.1005, 0.3162, 0.3188



21.7338, 0.2911, 0.2785



11.9013, 0.3165, 0.3178



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



23.3307, 0.3250, 0.2956



39.5723, 0.3280, 0.2886



22.8977, 0.3426, 0.3193



6.2920, 0.3180, 0.3136



6.4816, 0.4122, 0.2045



0.1032, 0.3645, 0.1782

Inverse Universe

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



23.3307, 0.3250, 0.2956



39.5723, 0.3280, 0.2886



29.5451, 0.2893, 0.3390



6.2920, 0.3180, 0.3136



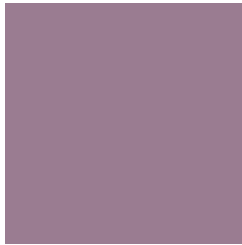
6.4816, 0.4122, 0.2045



0.1032, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 23.3297, 0.3250, 0.2956 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 23.3297, 0.3250, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

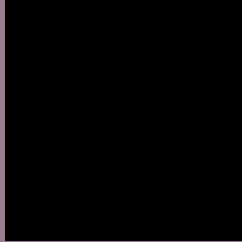
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.3297, 0.3250, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 23.3297, 0.3250, 0.2956.



This preview shows how white text looks on a background with the Yxy color 23.3297, 0.3250, 0.2956.

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

23.3297, 0.3250, 0.2956

Protanopia

23.4504, 0.2922, 0.2984

Deuteranopia

23.3769, 0.3104, 0.3040



Tritanopia

23.4433, 0.3350, 0.3145

Trichromacy



Original Color

23.3297, 0.3250, 0.2956

Protanomaly

23.3276, 0.3040, 0.2974

Deuteranomaly

23.3034, 0.3164, 0.3012

Tritanomaly

23.3036, 0.3305, 0.3065

Monochromacy



Original Color

23.3297, 0.3250, 0.2956

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.8475, 0.3168, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3297, 0.3250, 0.2956 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(154, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(154, 124, 145)  
}
```

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(154, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 124, 145) }
```

Border

The CSS property to change the border of an element to Yxy 23.3297, 0.3250, 0.2956 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(154, 124, 145) }
```

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

```
.border{ border-color:rgb(154, 124, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 124, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(154, 124,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3297, 0.3250, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 124, 145) }
```

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

```
.background{ background-color: rgb(154,  
124, 145) }
```

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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