

Converting Colors

$Y_{xy}(25.2475, 0.3545, 0.3234)$

Have a look what the booklet for
Yxy(25.2475, 0.3545, 0.3234)
contains.

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Color

Yxy(25.2113, 0.3537, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	A68084
RGB	166, 128, 132
RGB Percent	65%, 50%, 52%
CMY	0.3491, 0.4980, 0.4824
CMYK	0.00, 0.23, 0.20, 0.35
HSL	354°, 18%, 58%
HSV	354°, 23%, 65%
XYZ	27.6075, 25.2113, 25.2347
YIQ	139.8180, 21.3640, 9.3000

Conversions

Conversions Part 2

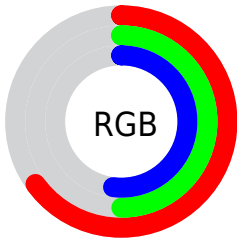
Format	Color
R_{YB}	166, 128, 132
Decimal	10911876
CIE _{Lab}	57.28, 15.27, 3.50
CIE _{LCh}	57, 15.661, 12.898
Yxy	25.2113, 0.3537, 0.3230
Android (android.graphics.Color)	4289101956 (0xFFA68084)
YUV	139.8180, -3.8543, 22.9616
Hunter-Lab	50.2109, 10.2760, 5.3499

Details

The Yxy color $25.2113, 0.3537, 0.3230$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.4685, 0.2826, 0.3352$, and the grayscale version is $26.1603, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0801, 0.3452, 0.3245$, and $9.7272, 0.3677, 0.3203$ is the 20% darker color. If you saturate the color by 10%, you get $20.8520, 0.3789, 0.3202$, and if you desaturate by 10%, it is $30.3393, 0.3333, 0.3257$.

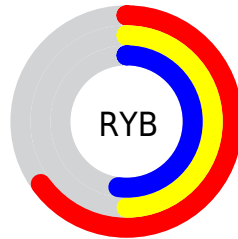
Distribution



Red (65%)

Green (50%)

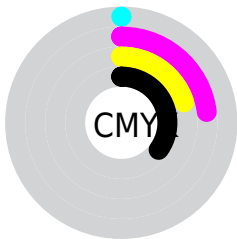
Blue (52%)



Red (65%)

Yellow (50%)

Blue (52%)

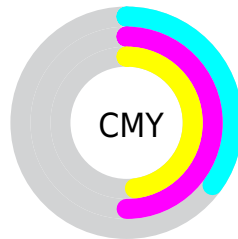


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2113, 0.3537, 0.3230 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 25.2113, 0.3537, 0.3230 by changing the saturation by 10% instead.


 25.2113, 0.3537,
0.3230

 25.2113, 0.3537,
0.3230


278.8886, 0.3310,
0.3265


 16.2346, 0.3602,
0.3219


 51.9998, 0.3448,
0.3244

 9.6903, 0.3693,
0.3203


 70.5804, 0.3417,
0.3249

 5.1941, 0.3825,
0.3178

 93.1310, 0.3391,
0.3253

 2.3616, 0.4037,
0.3136

120.0360, 0.3370,
0.3257

 0.8060, 0.4495,
0.3083

151.6799, 0.3351,
0.3259

 0.0000, 1.0000,
0.0000


188.4470, 0.3336,


 0.0000, 0.0000,

0.3262


0.0000


230.7218, 0.3322,
0.3264

 25.2113, 0.3537,
0.3230

 25.2113, 0.3537,
0.3230


 20.8520, 0.3789,
0.3202

 30.3393, 0.3333,
0.3257


 17.2210, 0.4096,
0.3176


 36.2669, 0.3168,
0.3283


 14.2797, 0.4462,
0.3154


 43.0274, 0.3036,
0.3307


 11.9843, 0.4879,
0.3141


 50.6515, 0.2928,
0.3328

 10.2861, 0.5322,
0.3143

 59.1680, 0.2840,
0.3348

 9.1294, 0.5744,
0.3163

 68.6045, 0.2769,
0.3366

 8.4481, 0.6087,
0.3201

 78.9875, 0.2709,
0.3382

 8.1477, 0.6266,
0.3226

 86.5838, 0.2652,
0.3334

 86.8460, 0.2633,
0.3289

Harmonies

Analogous

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



25.2113, 0.3305, 0.3026



25.2113, 0.3537, 0.3230



25.2113, 0.3656, 0.3456

Triad

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



25.2113, 0.3537, 0.3230



25.2113, 0.3204, 0.3737



25.2113, 0.2649, 0.2913

Complementary

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



25.2113, 0.3537, 0.3230



34.4685, 0.2826, 0.3352

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.



25.2113, 0.2626, 0.3087



25.2113, 0.3537, 0.3230



25.2113, 0.2939, 0.3577

Square

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



25.2113, 0.3537, 0.3230



25.2113, 0.3457, 0.3761



25.2113, 0.2730, 0.3332



25.2113, 0.2794, 0.2845

Rectangle

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



25.2113, 0.3537, 0.3230



25.2113, 0.3652, 0.3593



25.2113, 0.2730, 0.3332



25.2113, 0.2627, 0.2960

Sweetspot

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



25.2125, 0.3537, 0.3230



61.0761, 0.3234, 0.3272



25.8292, 0.3104, 0.2726



13.5315, 0.3243, 0.3271



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.2125, 0.3537, 0.3230



41.9378, 0.3647, 0.3217



29.1807, 0.3537, 0.3513



7.5546, 0.3270, 0.3267



6.3224, 0.6252, 0.3218



0.1576, 0.5695, 0.2911

Inverse Universe

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



25.2125, 0.3537, 0.3230



41.9378, 0.3647, 0.3217



29.6153, 0.2778, 0.3056



7.5546, 0.3270, 0.3267



6.3224, 0.6252, 0.3218



0.1576, 0.5695, 0.2911

Previews

White Background



This preview shows how the Yxy color 25.2113, 0.3537, 0.3230 looks on a white background.

Color Contrast Check

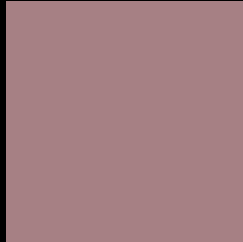
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2113, 0.3537, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

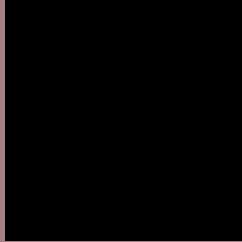
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2113, 0.3537, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 25.2113, 0.3537, 0.3230.



This preview shows how white text looks on a background with the Yxy color 25.2113, 0.3537, 0.3230.

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

25.2113, 0.3537, 0.3230

Protanopia

25.2729, 0.3160, 0.3290

Deuteranopia

25.2838, 0.3392, 0.3323



Tritanopia

25.2004, 0.3492, 0.3138

Trichromacy



Original Color

25.2113, 0.3537, 0.3230

Protanomaly

25.1890, 0.3288, 0.3274

Deuteranomaly

25.1404, 0.3445, 0.3291

Tritanomaly

25.1435, 0.3516, 0.3169

Monochromacy



Original Color

25.2113, 0.3537, 0.3230

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8040, 0.3263, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2113, 0.3537, 0.3230 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(166, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 132)  
}
```

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(166, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 132) }
```

Border

The CSS property to change the border of an element to Yxy 25.2113, 0.3537, 0.3230 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(166, 128, 132) }
```

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

```
.border{ border-color:rgb(166, 128, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2113, 0.3537, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 132) }
```

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

```
.background{ background-color: rgb(166,  
128, 132) }
```

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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