

Converting Colors

$Y_{xy}(25.8479, 0.3652, 0.3455)$

Have a look what the booklet for
Yxy(25.8479, 0.3652, 0.3455)
contains.

Yxy(25.9900, 0.3653, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9900, 0.3653, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	A68479
RGB	166, 132, 121
RGB Percent	65%, 52%, 47%
CMY	0.3491, 0.4823, 0.5255
CMYK	0.00, 0.20, 0.27, 0.35
HSL	15°, 20%, 56%
HSV	15°, 27%, 65%
XYZ	27.4239, 25.9900, 21.6583
YIQ	140.9120, 23.7950, 3.7870

Conversions

Conversions Part 2

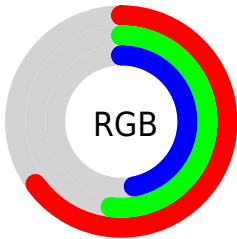
Format	Color
R_{YB}	166, 136, 121
Decimal	10912889
CIE _{Lab}	58.03, 11.31, 10.89
CIE _{LCh}	58, 15.698, 43.902
Yxy	25.9900, 0.3653, 0.3462
Android (android.graphics.Color)	4289102969 (0xFFFA68479)
YUV	140.9120, -9.8166, 22.0022
Hunter-Lab	50.9804, 6.8048, 10.4977

Details

The Yxy color $25.9900, 0.3653, 0.3462$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.2438, 0.2723, 0.3111$, and the grayscale version is $26.6317, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.2446, 0.3545, 0.3431$, and $10.0132, 0.3859, 0.3514$ is the 20% darker color. If you saturate the color by 10%, you get $22.4210, 0.3918, 0.3529$, and if you desaturate by 10%, it is $30.0397, 0.3429, 0.3396$.

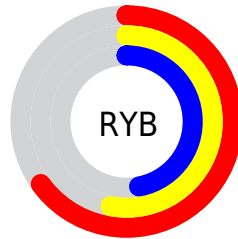
Distribution



Red (65%)

Green (52%)

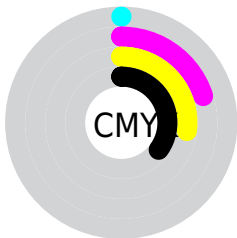
Blue (47%)



Red (65%)

Yellow (53%)

Blue (47%)

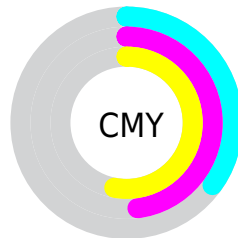


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (35%)



Cyan (35%)


Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9900, 0.3653, 0.3462 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 25.9900, 0.3653, 0.3462 by changing the saturation by 10% instead.


 25.9900, 0.3653,
0.3462


 25.9900, 0.3653,
0.3462


282.7330, 0.3362,
0.3373


 16.8162, 0.3736,
0.3485


 53.2588, 0.3540,
0.3429

 10.1035, 0.3851,
0.3514


 72.1226, 0.3500,
0.3417

 5.4676, 0.4017,
0.3552


 94.9851, 0.3467,
0.3407

 2.5242, 0.4279,
0.3602

122.2308, 0.3439,
0.3398

 0.8887, 0.5128,
0.3953

154.2440, 0.3415,
0.3390

 0.0000, 1.0000,
0.0000

191.4092, 0.3395,

 0.0000, 0.0000,

0.3384

0.0000

234.1107, 0.3378,
0.3378

■ 25.9900, 0.3653,
0.3462

■ 25.9900, 0.3653,
0.3462

■ 22.4210, 0.3918,
0.3529

■ 30.0397, 0.3429,
0.3396

■ 19.3112, 0.4228,
0.3592

■ 34.5835, 0.3241,
0.3332

■ 16.6426, 0.4579,
0.3645

■ 39.6388, 0.3085,
0.3273

■ 14.3946, 0.4961,
0.3679

■ 45.2210, 0.2953,
0.3219

■ 12.5450, 0.5349,
0.3683

■ 51.3449, 0.2843,
0.3169

■ 11.0694, 0.5707,
0.3649

■ 58.0246, 0.2750,
0.3124

■ 9.9385, 0.5998,
0.3578

■ 65.2738, 0.2671,
0.3083

■ 9.6670, 0.6075,
0.3559

■ 73.1057, 0.2604,
0.3046

■ 80.5030, 0.2618,
0.3176

Harmonies

Analogous

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



25.9900, 0.3540, 0.3238



25.9900, 0.3653, 0.3462



25.9900, 0.3617, 0.3654

Triad

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



25.9900, 0.3653, 0.3462



25.9900, 0.2932, 0.3567



25.9900, 0.2804, 0.2848

Complementary

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



25.9900, 0.3653, 0.3462



30.2438, 0.2723, 0.3111

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.



25.9900, 0.2656, 0.2912



25.9900, 0.3653, 0.3462



25.9900, 0.2728, 0.3323

Square

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



25.9900, 0.3653, 0.3462



25.9900, 0.3195, 0.3730



25.9900, 0.2629, 0.3082



25.9900, 0.3042, 0.2894

Rectangle

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



25.9900, 0.3653, 0.3462



25.9900, 0.3516, 0.3737



25.9900, 0.2629, 0.3082



25.9900, 0.2742, 0.2856

Sweetspot

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



25.9912, 0.3653, 0.3462



61.8797, 0.3260, 0.3339



24.1603, 0.3275, 0.2775



13.5671, 0.3285, 0.3348



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.



25.9912, 0.3653, 0.3462



42.8696, 0.3821, 0.3506



32.5888, 0.3570, 0.3786



7.8298, 0.3280, 0.3346



7.5628, 0.6059, 0.3571



0.2615, 0.5446, 0.4058

Inverse Universe

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



30.2438, 0.2723, 0.3111



51.9869, 0.2631, 0.3061



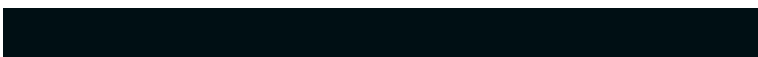
23.5889, 0.2688, 0.2739



8.2160, 0.2987, 0.3233



13.6488, 0.2026, 0.2492



0.4050, 0.2107, 0.2785

Previews

White Background



This preview shows how the Yxy color 25.9900, 0.3653, 0.3462 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 25.9900, 0.3653, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

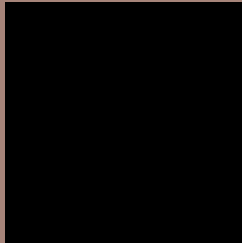
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9900, 0.3653, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 25.9900, 0.3653, 0.3462.



This preview shows how white text looks on a background with the Yxy color 25.9900, 0.3653, 0.3462.

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

25.9900, 0.3653, 0.3462

Protanopia

26.0569, 0.3351, 0.3523

Deuteranopia

25.9043, 0.3574, 0.3497



Tritanopia

25.8894, 0.3475, 0.3140

Trichromacy



Original Color

25.9900, 0.3653, 0.3462

Protanomaly

25.8359, 0.3451, 0.3486

Deuteranomaly

25.8369, 0.3602, 0.3480

Tritanomaly

25.8467, 0.3543, 0.3261

Monochromacy



Original Color

25.9900, 0.3653, 0.3462

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3822, 0.3303, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9900, 0.3653, 0.3462 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, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 121)  
}
```

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, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.9900, 0.3653, 0.3462 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, 132, 121) }
```

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

```
.border{ border-color:rgb(166, 132, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9900, 0.3653, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 132, 121) }
```

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

```
.background{ background-color: rgb(166,  
132, 121) }
```

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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