

Converting Colors

$Y_{xy}(25.9695, 0.3631, 0.3292)$

Have a look what the booklet for
Yxy(25.9695, 0.3631, 0.3292)
contains.

Yxy(25.9434, 0.3629, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.9434, 0.3629, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	AB8181
RGB	171, 129, 129
RGB Percent	67%, 51%, 51%
CMY	0.3296, 0.4940, 0.4942
CMYK	0.00, 0.25, 0.25, 0.33
HSL	0°, 20%, 59%
HSV	0°, 25%, 67%
XYZ	28.5992, 25.9434, 24.2648
YIQ	141.5580, 25.0320, 8.9040

Conversions

Conversions Part 2

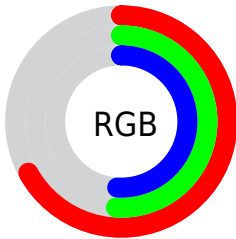
Format	Color
R_{YB}	171, 129, 129
Decimal	11239809
CIE _{Lab}	57.98, 16.16, 6.30
CIE _{LCh}	58, 17.341, 21.309
Yxy	25.9434, 0.3629, 0.3292
Android (android.graphics.Color)	4289429889 (0xFFAB8181)
YUV	141.5580, -6.1911, 25.8206
Hunter-Lab	50.9347, 11.0900, 7.4091

Details

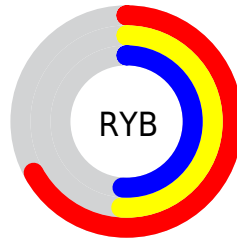
The Yxy color $25.9434, 0.3629, 0.3292$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.6996, 0.2773, 0.3288$, and the grayscale version is $26.8836, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1642, 0.3519, 0.3291$, and $10.0227, 0.3823, 0.3271$ is the 20% darker color. If you saturate the color by 10%, you get $21.3964, 0.3923, 0.3293$, and if you desaturate by 10%, it is $31.3211, 0.3391, 0.3291$.

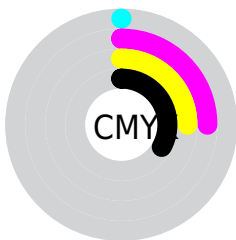
Distribution



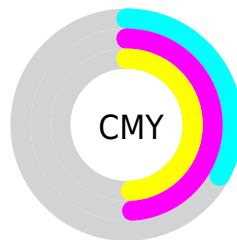
- Red (67%)
- Green (51%)
- Blue (51%)



- Red (67%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (25%)
- Black (33%)




- Cyan (33%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9434, 0.3629, 0.3292 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 25.9434, 0.3629, 0.3292 by changing the saturation by 10% instead.


 25.9434, 0.3629,
0.3292


 25.9434, 0.3629,
0.3292


282.5041, 0.3352,
0.3295

 16.7813, 0.3709,
0.3289


 53.1836, 0.3521,
0.3294

 10.0787, 0.3818,
0.3284


 72.0305, 0.3483,
0.3295

 5.4512, 0.3977,
0.3274

 94.8745, 0.3451,
0.3295

 2.5143, 0.4231,
0.3252

122.0999, 0.3425,
0.3295

 0.8838, 0.4802,
0.3268

154.0912, 0.3402,
0.3295

 0.0000, 1.0000,
0.0000


191.2328, 0.3383,


 0.0000, 0.0000,


0.3295


0.0000


233.9089, 0.3366,
0.3295


 25.9434, 0.3629,
0.3292


 25.9434, 0.3629,
0.3292

 21.3964, 0.3923,
0.3293


 31.3211, 0.3391,
0.3291


 17.6353, 0.4282,
0.3294

 37.5642, 0.3201,
0.3290

 14.6166, 0.4703,
0.3296


 44.7097, 0.3048,
0.3290


 12.2913, 0.5169,
0.3297


 52.7915, 0.2925,
0.3289

 10.6043, 0.5635,
0.3299


 61.8418, 0.2826,
0.3289

 9.4923, 0.6033,
0.3300

 71.8911, 0.2745,
0.3288

 8.8786, 0.6295,
0.3300

 82.9687, 0.2678,
0.3288

 8.6560, 0.6400,
0.3300

 87.3928, 0.2657,
0.3289

Harmonies

Analogous

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



25.9434, 0.3402, 0.3059



25.9434, 0.3629, 0.3292



25.9434, 0.3715, 0.3536

Triad

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



25.9434, 0.3629, 0.3292



25.9434, 0.3127, 0.3747



25.9434, 0.2637, 0.2844

Complementary

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



25.9434, 0.3629, 0.3292



36.6996, 0.2773, 0.3288

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.



25.9434, 0.2573, 0.3003



25.9434, 0.3629, 0.3292



25.9434, 0.2847, 0.3536

Square

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



25.9434, 0.3629, 0.3292



25.9434, 0.3416, 0.3816



25.9434, 0.2648, 0.3256



25.9434, 0.2827, 0.2805

Rectangle

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



25.9434, 0.3629, 0.3292



25.9434, 0.3679, 0.3675



25.9434, 0.2648, 0.3256



25.9434, 0.2600, 0.2884

Sweetspot

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



25.9446, 0.3629, 0.3292



64.2813, 0.3246, 0.3291



27.2889, 0.3155, 0.2692



14.1883, 0.3256, 0.3291



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



25.9446, 0.3629, 0.3292



42.2649, 0.3768, 0.3293



32.0411, 0.3557, 0.3601



8.0164, 0.3286, 0.3291



6.5296, 0.6400, 0.3300



0.1820, 0.6396, 0.3303

Inverse Universe

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



36.6996, 0.2773, 0.3288



64.6190, 0.2709, 0.3288



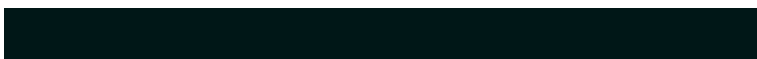
29.4084, 0.2745, 0.2957



9.0709, 0.2987, 0.3289



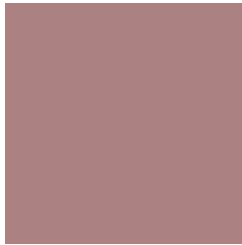
24.1313, 0.2246, 0.3285



0.6717, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 25.9434, 0.3629, 0.3292 looks on a white background.

Color Contrast Check

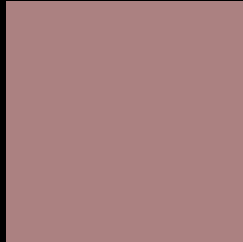
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9434, 0.3629, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

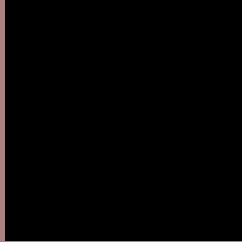
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9434, 0.3629, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 25.9434, 0.3629, 0.3292.



This preview shows how white text looks on a background with the Yxy color 25.9434, 0.3629, 0.3292.

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

25.9434, 0.3629, 0.3292

Protanopia

26.0261, 0.3222, 0.3373

Deuteranopia

26.0546, 0.3456, 0.3402



Tritanopia

26.0440, 0.3537, 0.3142

Trichromacy



Original Color

25.9434, 0.3629, 0.3292

Protanomaly

25.7662, 0.3365, 0.3339

Deuteranomaly

26.0150, 0.3521, 0.3369

Tritanomaly

25.9583, 0.3573, 0.3187

Monochromacy



Original Color

25.9434, 0.3629, 0.3292

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4698, 0.3306, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9434, 0.3629, 0.3292 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(171, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(171, 129, 129)  
}
```

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(171, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 129, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.9434, 0.3629, 0.3292 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(171, 129, 129) }
```

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

```
.border{ border-color:rgb(171, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 129, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 129, 129);  
box-shadow:4px 4px 4px 4px rgb(171, 129,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9434, 0.3629, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 129, 129) }
```

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

```
.background{ background-color: rgb(171,  
129, 129) }
```

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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