

Converting Colors

$Y_{xy}(25.4964, 0.3531, 0.3286)$

Have a look what the booklet for
Yxy(25.4964, 0.3531, 0.3286)
contains.

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Color

Yxy(25.4695, 0.3531, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	A48282
RGB	164, 130, 130
RGB Percent	64%, 51%, 51%
CMY	0.3567, 0.4902, 0.4902
CMYK	0.00, 0.21, 0.21, 0.36
HSL	360°, 16%, 58%
HSV	360°, 21%, 64%
XYZ	27.3269, 25.4695, 24.5950
YIQ	140.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

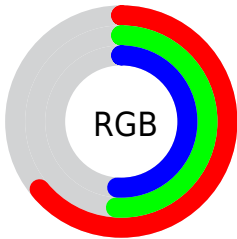
Format	Color
RYB	164, 130, 130
Decimal	10781314
CIELab	57.53, 13.07, 4.97
CIELCh	58, 13.980, 20.837
Yxy	25.4695, 0.3531, 0.3291
Android (android.graphics.Color)	4288971394 (0xFFA48282)
YUV	140.1660, -5.0118, 20.9024
Hunter-Lab	50.4673, 8.3358, 6.4325

Details

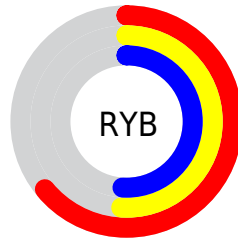
The Yxy color $25.4695, 0.3531, 0.3291$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.9894, 0.2825, 0.3289$, and the grayscale version is $26.3089, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3459, 0.3439, 0.3291$, and $9.9237, 0.3685, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $21.0437, 0.3802, 0.3292$, and if you desaturate by 10%, it is $30.6634, 0.3313, 0.3290$.

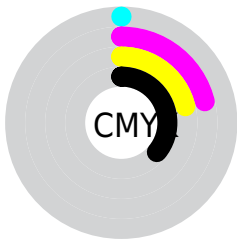
Distribution



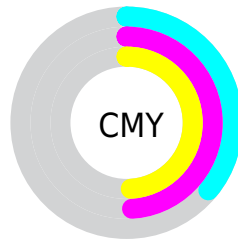
- Red (64%)
- Green (51%)
- Blue (51%)



- Red (64%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (21%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4695, 0.3531, 0.3291 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 25.4695, 0.3531, 0.3291 by changing the saturation by 10% instead.


 25.4695, 0.3531,
0.3291


 25.4695, 0.3531,
0.3291


280.1681, 0.3307,
0.3293

 16.4272, 0.3595,
0.3289


 52.4179, 0.3444,
0.3293

 9.8269, 0.3684,
0.3286


 71.0927, 0.3413,
0.3293

 5.2844, 0.3814,
0.3279

 93.7472, 0.3388,
0.3293

 2.4151, 0.4022,
0.3264

120.7657, 0.3366,
0.3293

 0.8336, 0.4502,
0.3289

152.5327, 0.3348,
0.3293

 0.0000, 1.0000,
0.0000


189.4325, 0.3333,


 0.0000, 0.0000,


0.3293

0.0000

231.8495, 0.3319,
0.3293

 25.4695, 0.3531,
0.3291

 25.4695, 0.3531,
0.3291


 21.0437, 0.3802,
0.3292


 30.6634, 0.3313,
0.3290


 17.3464, 0.4133,
0.3293


 36.6558, 0.3139,
0.3290


 14.3396, 0.4530,
0.3294

 43.4795, 0.2999,
0.3290

 11.9804, 0.4981,
0.3295

 51.1648, 0.2886,
0.3289

 10.2214, 0.5452,
0.3296

 59.7401, 0.2794,
0.3289

■ 9.0083, 0.5886,
0.3298

■ 69.2326, 0.2719,
0.3289

■ 8.2776, 0.6208,
0.3299

■ 79.6685, 0.2657,
0.3289

■ 7.8962, 0.6400,
0.3299

■ 86.6361, 0.2624,
0.3289

Harmonies

Analogous

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



25.4695, 0.3347, 0.3099



25.4695, 0.3531, 0.3291



25.4695, 0.3603, 0.3491

Triad

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



25.4695, 0.3531, 0.3291



25.4695, 0.3133, 0.3659



25.4695, 0.2725, 0.2928

Complementary

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



25.4695, 0.3531, 0.3291



33.9894, 0.2825, 0.3289

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.



25.4695, 0.2674, 0.3062



25.4695, 0.3531, 0.3291



25.4695, 0.2904, 0.3491

Square

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



25.4695, 0.3531, 0.3291



25.4695, 0.3367, 0.3715



25.4695, 0.2738, 0.3268



25.4695, 0.2881, 0.2892

Rectangle

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



25.4695, 0.3531, 0.3291



25.4695, 0.3576, 0.3603



25.4695, 0.2738, 0.3268



25.4695, 0.2695, 0.2963

Sweetspot

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



25.4707, 0.3531, 0.3291



60.4956, 0.3228, 0.3290



26.4802, 0.3145, 0.2786



13.0828, 0.3238, 0.3290



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.4707, 0.3531, 0.3291



42.2553, 0.3651, 0.3291



30.2028, 0.3482, 0.3542



7.0860, 0.3285, 0.3290



6.0517, 0.6400, 0.3299



0.1272, 0.6398, 0.3298

Inverse Universe

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



25.4707, 0.3531, 0.3291



42.2553, 0.3651, 0.3291



28.4749, 0.2808, 0.3024



7.0860, 0.3285, 0.3290



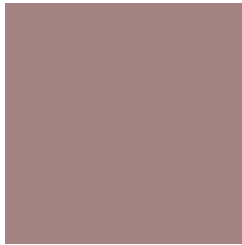
6.0517, 0.6400, 0.3299



0.1272, 0.6398, 0.3298

Previews

White Background



This preview shows how the Yxy color 25.4695, 0.3531, 0.3291 looks on a white background.

Color Contrast Check

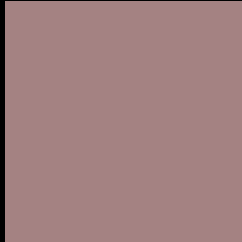
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4695, 0.3531, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

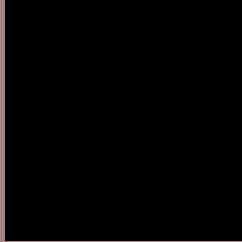
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4695, 0.3531, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 25.4695, 0.3531, 0.3291.



This preview shows how white text looks on a background with the Yxy color 25.4695, 0.3531, 0.3291.

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

25.4695, 0.3531, 0.3291

Protanopia

25.6490, 0.3213, 0.3357

Deuteranopia

25.6037, 0.3424, 0.3371



Tritanopia

25.5639, 0.3440, 0.3138

Trichromacy



Original Color

25.4695, 0.3531, 0.3291

Protanomaly

25.5054, 0.3319, 0.3323

Deuteranomaly

25.6291, 0.3462, 0.3355

Tritanomaly

25.4774, 0.3475, 0.3183

Monochromacy



Original Color

25.4695, 0.3531, 0.3291

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7755, 0.3273, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4695, 0.3531, 0.3291 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(164, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(164, 130, 130)  
}
```

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(164, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 130, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.4695, 0.3531, 0.3291 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(164, 130, 130) }
```

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

```
.border{ border-color:rgb(164, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 130, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 130, 130); box-shadow:4px 4px 4px 4px rgb(164, 130, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4695, 0.3531, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 130, 130) }
```

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

```
.background{ background-color: rgb(164,  
130, 130) }
```

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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