

Converting Colors

$Y_{xy}(32.5537, 0.2954, 0.2821)$

Have a look what the booklet for
Yxy(32.5537, 0.2954, 0.2821)
contains.

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Color

Yxy(32.5537, 0.2954, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	A295B6
RGB	162, 149, 182
RGB Percent	64%, 58%, 71%
CMY	0.3648, 0.4156, 0.2862
CMYK	0.11, 0.18, 0.00, 0.29
HSL	264°, 18%, 65%
HSV	264°, 18%, 71%
XYZ	34.0885, 32.5537, 48.7555
YIQ	156.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

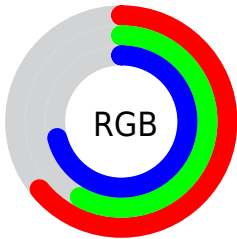
Format	Color
RYB	162, 149, 182
Decimal	10655158
CIELab	63.80, 11.29, -15.43
CIELCh	64, 19.115, 306.192
Yxy	32.5537, 0.2954, 0.2821
Android (android.graphics.Color)	4288845238 (0xFFA295B6)
YUV	156.6490, 12.4980, 4.6928
Hunter-Lab	57.0558, 6.7986, -10.7256

Details

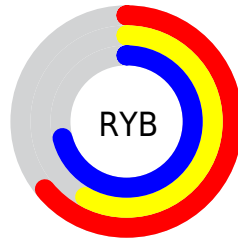
The Yxy color $32.5537, 0.2954, 0.2821$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $44.0784, 0.3279, 0.3750$, and the grayscale version is $33.4946, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.6366, 0.2990, 0.2909$, and $13.6353, 0.2893, 0.2673$ is the 20% darker color. If you saturate the color by 10%, you get $26.1306, 0.2838, 0.2532$, and if you desaturate by 10%, it is $39.9815, 0.3055, 0.3089$.

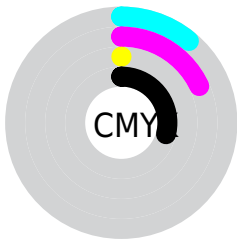
Distribution



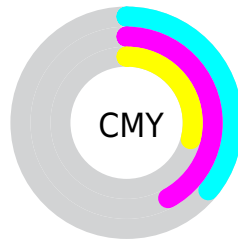
- Red (64%)
- Green (58%)
- Blue (71%)



- Red (64%)
- Yellow (58%)
- Blue (71%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)





- Cyan (36%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5537, 0.2954, 0.2821 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 32.5537, 0.2954, 0.2821 by changing the saturation by 10% instead.


 32.5537, 0.2954,
0.2821


 32.5537, 0.2954,
0.2821


313.6339, 0.3048,
0.3062

 21.7848, 0.2928,
0.2759


 63.6781, 0.2990,
0.2910

 13.6988, 0.2894,
0.2677


 84.8024, 0.3003,
0.2943

 7.9115, 0.2845,
0.2567


110.1472, 0.3013,
0.2971

 4.0384, 0.2772,
0.2409

140.0971, 0.3022,
0.2995

 1.6951, 0.2650,
0.2166

175.0362, 0.3030,
0.3015

 0.4205, 0.2453,
0.1528

215.3492, 0.3037,

 0.0000, 0.0000,

0.3033

0.0000

261.4202, 0.3042,
0.3049

■ 32.5537, 0.2954,
0.2821

■ 32.5537, 0.2954,
0.2821

■ 26.1306, 0.2838,
0.2532

■ 39.9815, 0.3055,
0.3089

■ 20.6639, 0.2708,
0.2229

■ 48.4514, 0.3142,
0.3334

■ 16.1072, 0.2565,
0.1921

■ 58.0039, 0.3216,
0.3554

■ 12.4086, 0.2413,
0.1620

■ 68.6761, 0.3279,
0.3751

■ 9.5107, 0.2259,
0.1344

■ 80.5032, 0.3332,
0.3927

7.3490, 0.2110,
0.1109

91.4436, 0.3381,
0.4053

5.8481, 0.1973,
0.0928

93.3136, 0.3455,
0.4034

4.8886, 0.1854,
0.0804

95.3014, 0.3530,
0.4016

4.7352, 0.1834,
0.0784

96.1584, 0.3561,
0.4008

Harmonies

Analogous

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



32.5537, 0.2708, 0.2799



32.5537, 0.2954, 0.2821



32.5537, 0.3258, 0.2954

Triad

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



32.5537, 0.2954, 0.2821



32.5537, 0.3708, 0.3650



32.5537, 0.2726, 0.3401

Complementary

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



32.5537, 0.2954, 0.2821



44.0784, 0.3279, 0.3750

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.



32.5537, 0.2979, 0.3665



32.5537, 0.2954, 0.2821



32.5537, 0.3549, 0.3801

Square

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



32.5537, 0.2954, 0.2821



32.5537, 0.3705, 0.3417



32.5537, 0.3280, 0.3814



32.5537, 0.2582, 0.3118

Rectangle

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



32.5537, 0.2954, 0.2821



32.5537, 0.3453, 0.3090



32.5537, 0.3280, 0.3814



32.5537, 0.2801, 0.3497

Sweetspot

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



32.5551, 0.2954, 0.2821



76.9462, 0.3083, 0.3166



38.2825, 0.2849, 0.3108



16.7643, 0.3077, 0.3149



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.5551, 0.2954, 0.2821



53.8558, 0.2907, 0.2701



34.3622, 0.3110, 0.2843



8.8868, 0.3044, 0.3058



3.3791, 0.1845, 0.0790



0.1553, 0.2154, 0.0960

Inverse Universe

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



34.3135, 0.3271, 0.3016



57.7112, 0.3312, 0.2950



42.3951, 0.3137, 0.3771



9.1014, 0.3196, 0.3152



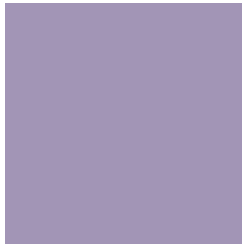
7.8401, 0.4489, 0.2247



0.2882, 0.4077, 0.2020

Previews

White Background



This preview shows how the Yxy color 32.5537, 0.2954, 0.2821 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5537, 0.2954, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

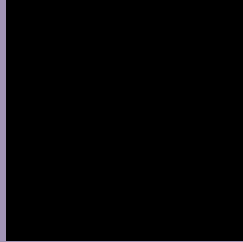
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5537, 0.2954, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 32.5537, 0.2954, 0.2821.



This preview shows how white text looks on a background with the Yxy color 32.5537, 0.2954, 0.2821.

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

32.5537, 0.2954, 0.2821

Protanopia

32.5811, 0.2804, 0.2823

Deuteranopia

32.5785, 0.2899, 0.2843



Tritanopia

32.5077, 0.3086, 0.3113

Trichromacy



Original Color

32.5537, 0.2954, 0.2821

Protanomaly

32.6895, 0.2856, 0.2827

Deuteranomaly

32.4592, 0.2917, 0.2831

Tritanomaly

32.5471, 0.3033, 0.2999

Monochromacy



Original Color

32.5537, 0.2954, 0.2821

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.2353, 0.3067, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5537, 0.2954, 0.2821 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(162, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 182)  
}
```

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(162, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 182) }
```

Border

The CSS property to change the border of an element to Yxy 32.5537, 0.2954, 0.2821 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(162, 149, 182) }
```

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

```
.border{ border-color:rgb(162, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5537, 0.2954, 0.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 182) }
```

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

```
.background{ background-color: rgb(162,  
149, 182) }
```

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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