

Converting Colors

$Y_{xy}(31.2545, 0.3325, 0.3320)$

Have a look what the booklet for
Yxy(31.2545, 0.3325, 0.3320)
contains.

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Color

Yxy(31.2545, 0.3325, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	A59492
RGB	165, 148, 146
RGB Percent	65%, 58%, 57%
CMY	0.3528, 0.4196, 0.4274
CMYK	0.00, 0.10, 0.12, 0.35
HSL	6°, 10%, 61%
HSV	6°, 12%, 65%
XYZ	31.3016, 31.2545, 31.5840
YIQ	152.8550, 10.7740, 2.9820

Conversions

Conversions Part 2

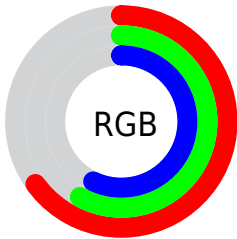
Format	Color
R _Y B	165, 148, 146
Decimal	10851474
CIE Lab	62.72, 5.97, 3.33
CIE LCh	63, 6.836, 29.192
Yxy	31.2545, 0.3325, 0.3320
Android (android.graphics.Color)	4289041554 (0xFFA59492)
YUV	152.8550, -3.3795, 10.6512
Hunter-Lab	55.9057, 2.1070, 5.6381

Details

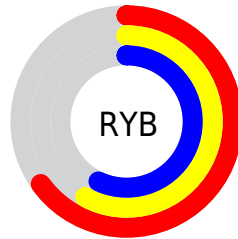
The Yxy color **31.2545, 0.3325, 0.3320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0468, 0.2954, 0.3260**, and the grayscale version is **31.8030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6268, 0.3283, 0.3313**, and **12.9046, 0.3387, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **26.4315, 0.3539, 0.3348**, and if you desaturate by 10%, it is **36.7474, 0.3151, 0.3294**.

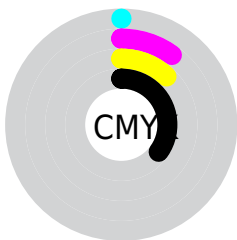
Distribution



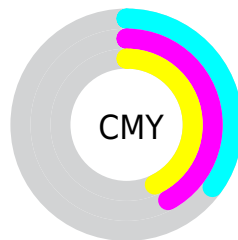
- Red (65%)
- Green (58%)
- Blue (57%)



- Red (65%)
- Yellow (58%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (35%)




- Cyan (35%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.2545, 0.3325, 0.3320 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 31.2545, 0.3325, 0.3320 by changing the saturation by 10% instead.


 31.2545, 0.3325,
0.3320


 31.2545, 0.3325,
0.3320


307.7091, 0.3219,
0.3305

 20.7927, 0.3354,
0.3324


 61.6405, 0.3285,
0.3314

 12.9726, 0.3393,
0.3329


 82.3336, 0.3270,
0.3312

 7.4097, 0.3448,
0.3335


107.2058, 0.3258,
0.3311

 3.7196, 0.3532,
0.3345

136.6417, 0.3248,
0.3309

 1.5180, 0.3676,
0.3358

171.0256, 0.3239,
0.3308

 0.3013, 0.5216,
0.3637


210.7418, 0.3232,


 0.0000, 0.0000,


0.3307

0.0000


256.1749, 0.3225,
0.3306


 31.2545, 0.3325,
0.3320


 31.2545, 0.3325,
0.3320


 26.4315, 0.3539,
0.3348


 36.7474, 0.3151,
0.3294


 22.2488, 0.3800,
0.3377


 42.9301, 0.3008,
0.3270


 18.6806, 0.4115,
0.3405

 49.8268, 0.2892,
0.3248

 15.6981, 0.4486,
0.3430

 57.4595, 0.2796,
0.3228

 13.2697, 0.4906,
0.3447

 65.8489, 0.2716,
0.3210

■ 11.3612, 0.5349,
0.3450

■ 75.0152, 0.2649,
0.3194

■ 9.9345, 0.5769,
0.3436

■ 84.5491, 0.2623,
0.3250

■ 8.9462, 0.6106,
0.3401

■ 86.7430, 0.2629,
0.3289

■ 8.4077, 0.6309,
0.3373

Harmonies

Analogous

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



31.2545, 0.3255, 0.3226



31.2545, 0.3325, 0.3320



31.2545, 0.3341, 0.3409

Triad

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



31.2545, 0.3325, 0.3320



31.2545, 0.3101, 0.3438



31.2545, 0.2957, 0.3114

Complementary

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



31.2545, 0.3325, 0.3320



35.0468, 0.2954, 0.3260

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.



31.2545, 0.2918, 0.3167



31.2545, 0.3325, 0.3320



31.2545, 0.3000, 0.3355

Square

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



31.2545, 0.3325, 0.3320



31.2545, 0.3210, 0.3479



31.2545, 0.2933, 0.3255



31.2545, 0.3042, 0.3108

Rectangle

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



31.2545, 0.3325, 0.3320



31.2545, 0.3319, 0.3453



31.2545, 0.2933, 0.3255



31.2545, 0.2938, 0.3127

Sweetspot

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



31.2559, 0.3325, 0.3320



64.1961, 0.3175, 0.3298



31.2155, 0.3158, 0.3040



13.8600, 0.3188, 0.3300



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.



31.2559, 0.3325, 0.3320



53.4737, 0.3379, 0.3328



34.3379, 0.3308, 0.3459



7.1988, 0.3282, 0.3314



6.3955, 0.6298, 0.3382



0.1674, 0.5897, 0.3700

Inverse Universe

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



35.0468, 0.2954, 0.3260



61.7145, 0.2914, 0.3252



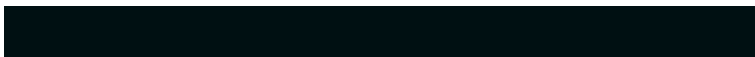
31.8180, 0.2952, 0.3115



7.8851, 0.2988, 0.3266



18.0925, 0.2158, 0.2967



0.4137, 0.2193, 0.3094

Previews

White Background



This preview shows how the Yxy color 31.2545, 0.3325, 0.3320 looks on a white background.

Color Contrast Check

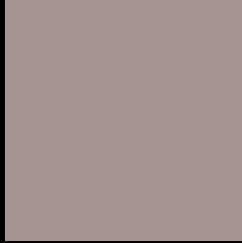
Large Text (above 18pt) WCAG AA × Fail

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 31.2545, 0.3325, 0.3320 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 31.2545, 0.3325, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 31.2545, 0.3325, 0.3320.



This preview shows how white text looks on a background with the Yxy color 31.2545, 0.3325, 0.3320.

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

31.2545, 0.3325, 0.3320

Protanopia

31.2399, 0.3196, 0.3336

Deuteranopia

31.2676, 0.3359, 0.3305



Tritanopia

31.2419, 0.3229, 0.3115

Trichromacy



Original Color

31.2545, 0.3325, 0.3320

Protanomaly

31.2902, 0.3249, 0.3336

Deuteranomaly

31.1582, 0.3348, 0.3306

Tritanomaly

31.3075, 0.3257, 0.3187

Monochromacy



Original Color

31.2545, 0.3325, 0.3320

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.5033, 0.3198, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2545, 0.3325, 0.3320 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(165, 148, 146)` looks like.

```
.text, #text, p{  
    color:rgb(165, 148, 146)  
}
```

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(165, 148, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 146) }
```

Border

The CSS property to change the border of an element to Yxy 31.2545, 0.3325, 0.3320 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(165, 148, 146) }
```

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

```
.border{ border-color:rgb(165, 148, 146) }
```

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

Here you see how a box with a 4 pixel rgb(165, 148, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 148, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 148, 146);  
box-shadow:4px 4px 4px 4px rgb(165, 148,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2545, 0.3325, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 146) }
```

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

```
.background{ background-color: rgb(165,  
148, 146) }
```

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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