

Converting Colors

$Y_{xy}(29.0911, 0.3329, 0.3191)$

Have a look what the booklet for
Yxy(29.0911, 0.3329, 0.3191)
contains.

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Color

Yxy(29.1557, 0.3327, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	A58D93
RGB	165, 141, 147
RGB Percent	65%, 55%, 58%
CMY	0.3529, 0.4471, 0.4234
CMYK	0.00, 0.15, 0.11, 0.35
HSL	345°, 12%, 60%
HSV	345°, 15%, 65%
XYZ	30.3128, 29.1557, 31.6430
YIQ	148.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

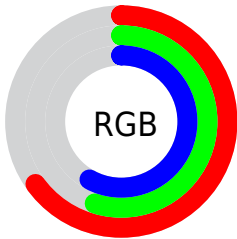
Format	Color
R _Y B	165, 141, 147
Decimal	10849683
CIE Lab	60.92, 10.07, 0.14
CIE LCh	61, 10.066, 0.814
Yxy	29.1557, 0.3327, 0.3200
Android (android.graphics.Color)	4289039763 (0xFFA58D93)
YUV	148.8600, -0.9170, 14.1548
Hunter-Lab	53.9960, 5.7151, 3.0518

Details

The Yxy color **29.1557, 0.3327, 0.3200** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0827, 0.2959, 0.3382**, and the grayscale version is **29.9949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4629, 0.3283, 0.3222**, and **11.8559, 0.3390, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **24.2804, 0.3503, 0.3134**, and if you desaturate by 10%, it is **34.8004, 0.3183, 0.3263**.

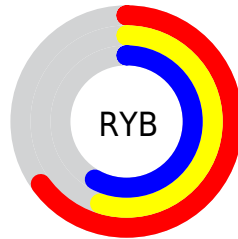
Distribution



Red (65%)

Green (55%)

Blue (58%)



Red (65%)

Yellow (55%)

Blue (58%)

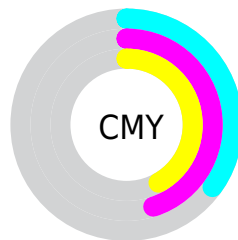


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1557, 0.3327, 0.3200 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 29.1557, 0.3327, 0.3200 by changing the saturation by 10% instead.


 29.1557, 0.3327,
0.3200

 29.1557, 0.3327,
0.3200


297.9489, 0.3219,
0.3249


 19.1986, 0.3357,
0.3186


 58.3244, 0.3286,
0.3219

 11.8139, 0.3397,
0.3168


 78.3048, 0.3271,
0.3225

 6.6171, 0.3455,
0.3142


 102.3951, 0.3259,
0.3231

 3.2238, 0.3544,
0.3102

130.9797, 0.3248,
0.3236

 1.2497, 0.3698,
0.3032

164.4429, 0.3239,
0.3240

 0.1017, 0.6284,
0.1867


203.1693, 0.3232,


 0.0000, 0.0000,


0.3243

0.0000


247.5432, 0.3225,
0.3246


 29.1557, 0.3327,
0.3200


 29.1557, 0.3327,
0.3200


 24.2804, 0.3503,
0.3134


 34.8004, 0.3183,
0.3263


 20.1373, 0.3718,
0.3067


 41.2419, 0.3067,
0.3321


 16.6920, 0.3978,
0.3002

 48.5108, 0.2971,
0.3375

 13.9058, 0.4284,
0.2946

 56.6353, 0.2893,
0.3424

 11.7361, 0.4635,
0.2908

 65.6419, 0.2829,
0.3469

■ 10.1353, 0.5014,
0.2896

■ 75.5562, 0.2776,
0.3510

■ 9.0490, 0.5395,
0.2922

■ 85.4362, 0.2730,
0.3530

■ 8.4109, 0.5739,
0.2988

■ 86.1699, 0.2671,
0.3389

■ 8.1645, 0.5907,
0.3028

■ 86.7415, 0.2628,
0.3289

Harmonies

Analogous

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



29.1557, 0.3171, 0.3084



29.1557, 0.3327, 0.3200



29.1557, 0.3430, 0.3341

Triad

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



29.1557, 0.3327, 0.3200



29.1557, 0.3243, 0.3576



29.1557, 0.2815, 0.3097

Complementary

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



29.1557, 0.3327, 0.3200



35.0827, 0.2959, 0.3382

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.



29.1557, 0.2833, 0.3227



29.1557, 0.3327, 0.3200



29.1557, 0.3078, 0.3510

Square

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



29.1557, 0.3327, 0.3200



29.1557, 0.3380, 0.3561



29.1557, 0.2929, 0.3380



29.1557, 0.2877, 0.3023

Rectangle

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



29.1557, 0.3327, 0.3200



29.1557, 0.3453, 0.3432



29.1557, 0.2929, 0.3380



29.1557, 0.2812, 0.3135

Sweetspot

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



29.1570, 0.3327, 0.3200



62.8352, 0.3177, 0.3266



29.0970, 0.3077, 0.2932



13.5658, 0.3187, 0.3261



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.



29.1570, 0.3327, 0.3200



49.6665, 0.3372, 0.3182



30.6678, 0.3379, 0.3375



7.1138, 0.3247, 0.3234



6.1819, 0.5882, 0.3014



0.1370, 0.4940, 0.2495

Inverse Universe

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



29.1570, 0.3327, 0.3200



49.6665, 0.3372, 0.3182



33.3186, 0.2908, 0.3203



7.1138, 0.3247, 0.3234



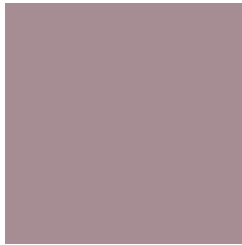
6.1819, 0.5882, 0.3014



0.1370, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 29.1557, 0.3327, 0.3200 looks on a white background.

Color Contrast Check

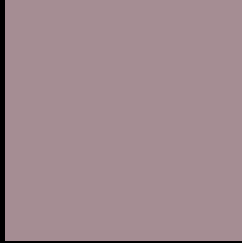
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1557, 0.3327, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

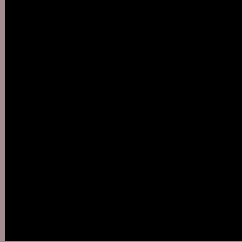
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1557, 0.3327, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 29.1557, 0.3327, 0.3200.



This preview shows how white text looks on a background with the Yxy color 29.1557, 0.3327, 0.3200.

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

29.1557, 0.3327, 0.3200

Protanopia

29.1493, 0.3120, 0.3227

Deuteranopia

29.0297, 0.3282, 0.3214



Tritanopia

29.0975, 0.3298, 0.3127

Trichromacy



Original Color

29.1557, 0.3327, 0.3200

Protanomaly

29.0850, 0.3194, 0.3213

Deuteranomaly

29.1340, 0.3293, 0.3215

Tritanomaly

29.0652, 0.3308, 0.3141

Monochromacy



Original Color

29.1557, 0.3327, 0.3200

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6644, 0.3202, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1557, 0.3327, 0.3200 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, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 147)  
}
```

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, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 147) }
```

Border

The CSS property to change the border of an element to Yxy 29.1557, 0.3327, 0.3200 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, 141, 147) }
```

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

```
.border{ border-color:rgb(165, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1557, 0.3327, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 147) }
```

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

```
.background{ background-color: rgb(165,  
141, 147) }
```

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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