

Converting Colors

$Yxy(30.2987, 0.3207, 0.3141)$

Have a look what the booklet for
Yxy(30.2987, 0.3207, 0.3141)
contains.

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Color

Yxy(30.2987, 0.3207, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	A2919B
RGB	162, 145, 155
RGB Percent	64%, 57%, 61%
CMY	0.3649, 0.4313, 0.3922
CMYK	0.00, 0.10, 0.04, 0.36
HSL	325°, 8%, 60%
HSV	325°, 10%, 64%
XYZ	30.9353, 30.2987, 35.2279
YIQ	151.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

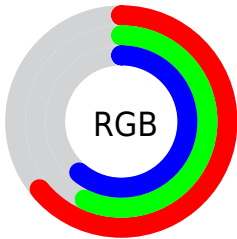
Format	Color
RYB	162, 145, 155
Decimal	10654107
CIELab	61.91, 8.11, -2.97
CIELCh	62, 8.638, 339.881
Yxy	30.2987, 0.3207, 0.3141
Android (android.graphics.Color)	4288844187 (0xFFA2919B)
YUV	151.2230, 1.8621, 9.4514
Hunter-Lab	55.0443, 3.9911, 0.5858

Details

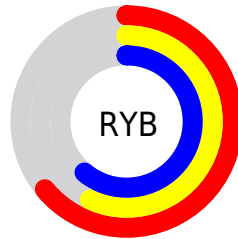
The Yxy color $30.2987, 0.3207, 0.3141$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.1130, 0.3055, 0.3444$, and the grayscale version is $31.0362, 0.3127, 0.3290$.

A 20% lighter version of the original color is $60.2020, 0.3195, 0.3177$, and $12.4989, 0.3228, 0.3098$ is the 20% darker color. If you saturate the color by 10%, you get $25.4800, 0.3298, 0.2992$, and if you desaturate by 10%, it is $35.8379, 0.3130, 0.3284$.

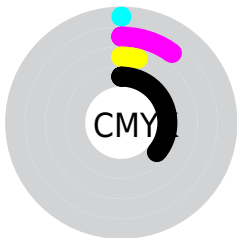
Distribution



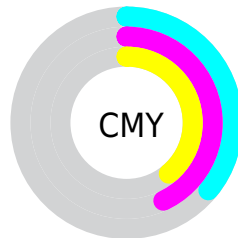
- Red (64%)
- Green (57%)
- Blue (61%)



- Red (64%)
- Yellow (57%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (36%)




- Cyan (36%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2987, 0.3207, 0.3141 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 30.2987, 0.3207, 0.3141 by changing the saturation by 10% instead.


 30.2987, 0.3207,
0.3141


 30.2987, 0.3207,
0.3141


303.2943, 0.3165,
0.3220

 20.0654, 0.3218,
0.3120


 60.1342, 0.3191,
0.3171

 12.4426, 0.3234,
0.3091


 80.5053, 0.3185,
0.3182

 7.0459, 0.3255,
0.3051


105.0244, 0.3180,
0.3191

 3.4908, 0.3288,
0.2991

134.0759, 0.3176,
0.3198

 1.3930, 0.3342,
0.2891

168.0443, 0.3173,
0.3205

 0.2116, 0.3805,
0.2017

207.3138, 0.3170,


 0.0000, 0.0000,

0.3211


0.0000


252.2691, 0.3167,
0.3216


 30.2987, 0.3207,
0.3141

 30.2987, 0.3207,
0.3141


 25.4800, 0.3298,
0.2992


 35.8379, 0.3130,
0.3284


 21.3481, 0.3406,
0.2839

 42.1219, 0.3066,
0.3418


 17.8722, 0.3532,
0.2687

 49.1786, 0.3013,
0.3542

 15.0178, 0.3676,
0.2544

 57.0333, 0.2969,
0.3657

 12.7470, 0.3838,
0.2419

 65.7100, 0.2932,
0.3763

■ 11.0180, 0.4015,
0.2323

■ 75.2320, 0.2901,
0.3860

■ 9.7832, 0.4201,
0.2267

■ 83.4403, 0.2874,
0.3914

■ 8.9866, 0.4389,
0.2259

■ 83.7613, 0.2840,
0.3833

■ 8.5111, 0.4568,
0.2290

■ 84.0961, 0.2807,
0.3752

Harmonies

Analogous

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



30.2987, 0.3066, 0.3071



30.2987, 0.3207, 0.3141



30.2987, 0.3329, 0.3249

Triad

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



30.2987, 0.3207, 0.3141



30.2987, 0.3311, 0.3530



30.2987, 0.2865, 0.3201

Complementary

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



30.2987, 0.3207, 0.3141



34.1130, 0.3055, 0.3444

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.



30.2987, 0.2928, 0.3327



30.2987, 0.3207, 0.3141



30.2987, 0.3184, 0.3522

Square

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



30.2987, 0.3207, 0.3141



30.2987, 0.3390, 0.3473



30.2987, 0.3044, 0.3447



30.2987, 0.2871, 0.3102

Rectangle

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



30.2987, 0.3207, 0.3141



30.2987, 0.3382, 0.3330



30.2987, 0.3044, 0.3447



30.2987, 0.2879, 0.3241

Sweetspot

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



30.3000, 0.3207, 0.3141



62.3572, 0.3149, 0.3247



29.5192, 0.3035, 0.3031



13.8229, 0.3155, 0.3236



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.



30.3000, 0.3207, 0.3141



52.4689, 0.3231, 0.3100



30.0310, 0.3290, 0.3265



7.1527, 0.3197, 0.3158



6.7180, 0.4553, 0.2282



0.1502, 0.3954, 0.1952

Inverse Universe

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



30.3000, 0.3207, 0.3141



52.4689, 0.3231, 0.3100



34.3941, 0.2984, 0.3315



7.1527, 0.3197, 0.3158



6.7180, 0.4553, 0.2282



0.1502, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 30.2987, 0.3207, 0.3141 looks on a white background.

Color Contrast Check

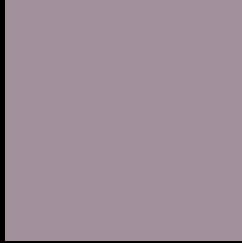
Large Text (above 18pt) WCAG AA × Fail

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 30.2987, 0.3207, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

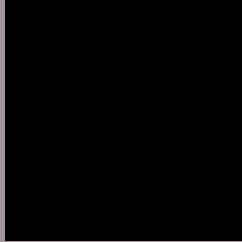
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2987, 0.3207, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 30.2987, 0.3207, 0.3141.



This preview shows how white text looks on a background with the Yxy color 30.2987, 0.3207, 0.3141.

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

30.2987, 0.3207, 0.3141

Protanopia

30.4132, 0.3062, 0.3167

Deuteranopia

30.2987, 0.3207, 0.3141



Tritanopia

30.3325, 0.3198, 0.3126

Trichromacy



Original Color

30.2987, 0.3207, 0.3141

Protanomaly

30.4501, 0.3112, 0.3168

Deuteranomaly

30.2987, 0.3207, 0.3141

Tritanomaly

30.3325, 0.3198, 0.3126

Monochromacy



Original Color

30.2987, 0.3207, 0.3141

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.7305, 0.3160, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2987, 0.3207, 0.3141 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, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 155)  
}
```

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, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 155) }
```

Border

The CSS property to change the border of an element to Yxy 30.2987, 0.3207, 0.3141 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, 145, 155) }
```

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

```
.border{ border-color:rgb(162, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2987, 0.3207, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 155) }
```

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

```
.background{ background-color: rgb(162,  
145, 155) }
```

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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