

Converting Colors

$Y_{xy}(46.3013, 0.3293, 0.3014)$

Have a look what the booklet for
Yxy(46.3013, 0.3293, 0.3014)
contains.

Yxy(46.3013, 0.3293, 0.3014)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.3013, 0.3293, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	D2AAC1
RGB	210, 170, 193
RGB Percent	82%, 67%, 76%
CMY	0.1763, 0.3334, 0.2431
CMYK	0.00, 0.19, 0.08, 0.18
HSL	325°, 31%, 75%
HSV	325°, 19%, 82%
XYZ	50.5873, 46.3013, 56.7322
YIQ	184.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

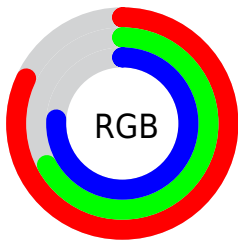
Format	Color
R_{YB}	210, 170, 193
Decimal	13806273
CIE _{Lab}	73.74, 18.39, -6.21
CIE _{LCh}	74, 19.409, 341.338
Yxy	46.3013, 0.3293, 0.3014
Android (android.graphics.Color)	4291996353 (0xFFD2AAC1)
YUV	184.5820, 4.1501, 22.2916
Hunter-Lab	68.0451, 13.6249, -1.8011

Details

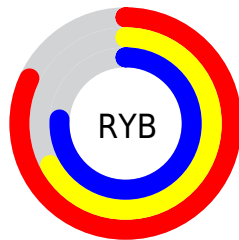
The Yxy color $46.3013, 0.3293, 0.3014$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $58.2436, 0.2990, 0.3583$, and the grayscale version is $48.2441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9500, 0.3180, 0.3056$, and $21.8189, 0.3330, 0.2938$ is the 20% darker color. If you saturate the color by 10%, you get $38.6618, 0.3405, 0.2862$, and if you desaturate by 10%, it is $55.2270, 0.3199, 0.3162$.

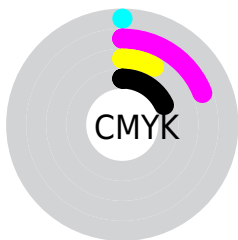
Distribution



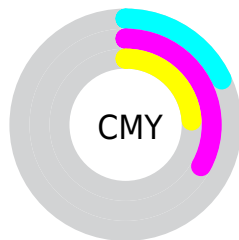
- Red (82%)
- Green (67%)
- Blue (76%)



- Red (82%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.3013, 0.3293, 0.3014 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 46.3013, 0.3293, 0.3014 by changing the saturation by 10% instead.


 46.3013, 0.3293,
0.3014

 46.3013, 0.3293,
0.3014


372.0187, 0.3211,
0.3149

 32.4836, 0.3313,
0.2981


 84.6697, 0.3264,
0.3063

 21.7312, 0.3338,
0.2939


109.9893, 0.3253,
0.3081

 13.6595, 0.3372,
0.2884


139.9117, 0.3243,
0.3097

 7.8842, 0.3418,
0.2809

174.8212, 0.3235,
0.3110

 4.0210, 0.3485,
0.2700

215.1022, 0.3228,
0.3122

 1.6853, 0.3593,
0.2528

261.1392, 0.3222,

 0.4141, 0.3934,

0.3132

0.1934

313.3166, 0.3216,
0.3141

0.0000, 0.0000,
0.0000

46.3013, 0.3293,
0.3014

46.3013, 0.3293,
0.3014

38.6618, 0.3405,
0.2862

55.2270, 0.3199,
0.3162

32.2422, 0.3536,
0.2711

65.4886, 0.3120,
0.3303

26.9798, 0.3687,
0.2567

77.1411, 0.3055,
0.3435

22.8035, 0.3858,
0.2442

90.2343, 0.3001,
0.3557

19.6346, 0.4046,
0.2347

91.3791, 0.2952,
0.3471

■ 17.3834, 0.4244,
0.2292

■ 91.9158, 0.2905,
0.3377

■ 15.9443, 0.4445,
0.2289

■ 92.4468, 0.2861,
0.3289

■ 15.1449, 0.4640,
0.2335

■ 15.0818, 0.4659,
0.2340

Harmonies

Analogous

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



46.3013, 0.3017, 0.2878



46.3013, 0.3293, 0.3014



46.3013, 0.3532, 0.3217

Triad

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



46.3013, 0.3293, 0.3014



46.3013, 0.3472, 0.3764



46.3013, 0.2623, 0.3096

Complementary

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



46.3013, 0.3293, 0.3014



58.2436, 0.2990, 0.3583

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.



46.3013, 0.2734, 0.3346



46.3013, 0.3293, 0.3014



46.3013, 0.3220, 0.3748

Square

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



46.3013, 0.3293, 0.3014



46.3013, 0.3636, 0.3647



46.3013, 0.2950, 0.3592



46.3013, 0.2639, 0.2915

Rectangle

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



46.3013, 0.3293, 0.3014



46.3013, 0.3633, 0.3370



46.3013, 0.2950, 0.3592



46.3013, 0.2646, 0.3175

Sweetspot

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



46.3034, 0.3293, 0.3014



90.2119, 0.3174, 0.3205



43.9243, 0.2950, 0.2791



19.0911, 0.3179, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



46.3034, 0.3293, 0.3014



66.6154, 0.3338, 0.2951



45.4821, 0.3468, 0.3250



11.9206, 0.3202, 0.3157



9.2167, 0.4631, 0.2325



0.5310, 0.4301, 0.2143

Inverse Universe

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



46.3034, 0.3293, 0.3014



66.6154, 0.3338, 0.2951



59.1457, 0.2864, 0.3331



11.9206, 0.3202, 0.3157



9.2167, 0.4631, 0.2325



0.5310, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 46.3013, 0.3293, 0.3014 looks on a white background.

Color Contrast Check

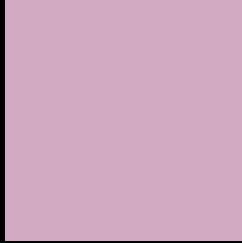
Large Text (above 18pt) WCAG AA × Fail

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 46.3013, 0.3293, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

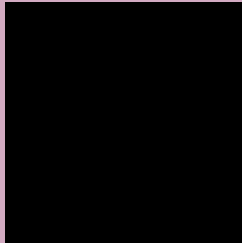
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3013, 0.3293, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 46.3013, 0.3293, 0.3014.



This preview shows how white text looks on a background with the Yxy color 46.3013, 0.3293, 0.3014.

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

46.3013, 0.3293, 0.3014

Protanopia

46.3497, 0.2972, 0.3046

Deuteranopia

46.3258, 0.3154, 0.3090



Tritanopia

46.1839, 0.3352, 0.3121

Trichromacy



Original Color

46.3013, 0.3293, 0.3014

Protanomaly

46.0290, 0.3079, 0.3026

Deuteranomaly

46.3572, 0.3208, 0.3068

Tritanomaly

46.3120, 0.3326, 0.3085

Monochromacy



Original Color

46.3013, 0.3293, 0.3014

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.7427, 0.3183, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3013, 0.3293, 0.3014 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(210, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(210, 170, 193)  
}
```

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(210, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 170, 193) }
```

Border

The CSS property to change the border of an element to Yxy 46.3013, 0.3293, 0.3014 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(210, 170, 193) }
```

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

```
.border{ border-color:rgb(210, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 170, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 170, 193); box-shadow:4px 4px 4px 4px rgb(210, 170, 193) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3013, 0.3293, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 170, 193) }
```

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

```
.background{ background-color: rgb(210,  
170, 193) }
```

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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