

Converting Colors

$Y_{xy}(30.0593, 0.2616, 0.2140)$

Have a look what the booklet for
Yxy(30.0593, 0.2616, 0.2140)
contains.

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Color

Yxy(30.0593, 0.2616, 0.2140)

Conversions

Conversions Part 1

Format	Color
Hex	A286DF
RGB	162, 134, 223
RGB Percent	64%, 53%, 87%
CMY	0.3646, 0.4745, 0.1256
CMYK	0.27, 0.40, 0.00, 0.13
HSL	259°, 58%, 70%
HSV	259°, 40%, 87%
XYZ	36.7454, 30.0593, 73.6593
YIQ	152.5180, -11.8810, 33.6150

Conversions

Conversions Part 2

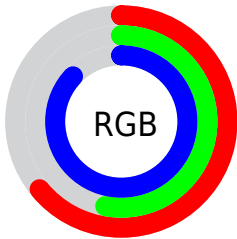
Format	Color
R _Y B	162, 134, 223
Decimal	10651359
CIE Lab	61.71, 29.31, -41.60
CIE LCh	62, 50.883, 305.166
Yxy	30.0593, 0.2616, 0.2140
Android (android.graphics.Color)	4288841439 (0xFFA286DF)
YUV	152.5180, 34.7476, 8.3157
Hunter-Lab	54.8264, 23.6870, -41.2778

Details

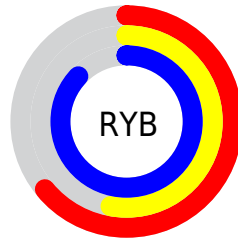
The Yxy color **30.0593, 0.2616, 0.2140** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **66.0786, 0.3504, 0.4354**, and the grayscale version is **31.4873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0919, 0.2881, 0.2577**, and **12.3188, 0.2447, 0.1846** is the 20% darker color. If you saturate the color by 10%, you get **23.0291, 0.2452, 0.1818**, and if you desaturate by 10%, it is **38.5854, 0.2768, 0.2458**.

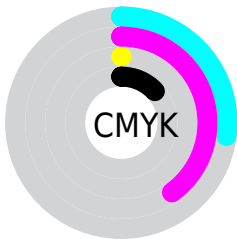
Distribution



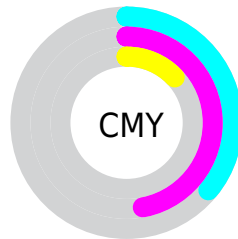
- Red (64%)
- Green (53%)
- Blue (87%)



- Red (64%)
- Yellow (53%)
- Blue (87%)



- Cyan (27%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)





- Cyan (36%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0593, 0.2616, 0.2140 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 30.0593, 0.2616, 0.2140 by changing the saturation by 10% instead.


 30.0593, 0.2616,
0.2140


 30.0593, 0.2616,
0.2140


302.1808, 0.2894,
0.2702


 19.8836, 0.2542,
0.2007


 59.7559, 0.2721,
0.2340

 12.3105, 0.2444,
0.1841


 80.0457, 0.2759,
0.2416

 6.9555, 0.2311,
0.1630


 104.4756, 0.2791,
0.2481

 3.4343, 0.2122,
0.1358

133.4300, 0.2818,
0.2538

 1.3624, 0.1842,
0.1003

167.2933, 0.2841,
0.2587

 0.1888, 0.1447,
0.0305

206.4499, 0.2861,

 0.0000, 0.0000,

0.2630

0.0000

251.2843, 0.2879,
0.2668

■ 30.0593, 0.2616,
0.2140

■ 30.0593, 0.2616,
0.2140

■ 23.0291, 0.2452,
0.1818

■ 38.5854, 0.2768,
0.2458

■ 17.4021, 0.2281,
0.1506

■ 48.6857, 0.2904,
0.2760

■ 13.0804, 0.2113,
0.1225

■ 60.4371, 0.3024,
0.3039

■ 9.9513, 0.1956,
0.0993

■ 73.9104, 0.3128,
0.3292

■ 7.8821, 0.1820,
0.0824

■ 89.1720, 0.3217,
0.3519

■ 6.6474, 0.1711,
0.0717

■ 97.8550, 0.3307,
0.3602

■ 6.6372, 0.1710,
0.0716

■ 98.1064, 0.3316,
0.3602

Harmonies

Analogous

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



30.0593, 0.2045, 0.2066



30.0593, 0.2616, 0.2140



30.0593, 0.3417, 0.2440

Triad

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



30.0593, 0.2616, 0.2140



30.0593, 0.4669, 0.4081



30.0593, 0.2086, 0.3590

Complementary

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



30.0593, 0.2616, 0.2140



66.0786, 0.3504, 0.4354

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.



30.0593, 0.2700, 0.4434



30.0593, 0.2616, 0.2140



30.0593, 0.4196, 0.4600

Square

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



30.0593, 0.2616, 0.2140



30.0593, 0.4706, 0.3485



30.0593, 0.3473, 0.4810



30.0593, 0.1769, 0.2770

Rectangle

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



30.0593, 0.2616, 0.2140



30.0593, 0.3977, 0.2742



30.0593, 0.3473, 0.4810



30.0593, 0.2262, 0.3893

Sweetspot

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



30.0605, 0.2616, 0.2140



78.2456, 0.3000, 0.2980



50.0021, 0.2525, 0.2939



16.2852, 0.2984, 0.2944



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.



30.0605, 0.2616, 0.2140



32.5611, 0.2478, 0.1867



35.3811, 0.3006, 0.2259



13.4517, 0.3029, 0.3051



3.9568, 0.1724, 0.0723



0.3209, 0.1892, 0.0816

Inverse Universe

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



36.6719, 0.3447, 0.2590



42.9067, 0.3540, 0.2449



61.1389, 0.3187, 0.4470



13.8583, 0.3186, 0.3131



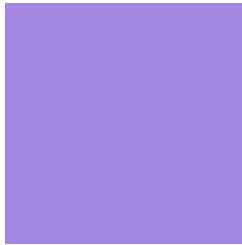
10.5932, 0.4199, 0.2087



0.7502, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 30.0593, 0.2616, 0.2140 looks on a white background.

Color Contrast Check

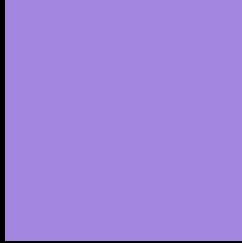
Large Text (above 18pt) WCAG AA × Fail

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 30.0593, 0.2616, 0.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

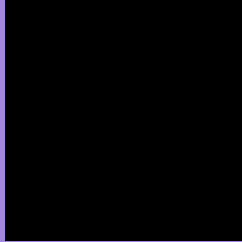
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0593, 0.2616, 0.2140

Background



This preview shows how black text looks on a background with the Yxy color 30.0593, 0.2616, 0.2140.



This preview shows how white text looks on a background with the Yxy color 30.0593, 0.2616, 0.2140.

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

30.0593, 0.2616, 0.2140

Protanopia

30.2229, 0.2248, 0.2102

Deuteranopia

30.1987, 0.2328, 0.2269



Tritanopia

30.1670, 0.3044, 0.3121

Trichromacy



Original Color

30.0593, 0.2616, 0.2140

Protanomaly

29.9897, 0.2365, 0.2117

Deuteranomaly

29.9337, 0.2421, 0.2216

Tritanomaly

29.8923, 0.2876, 0.2721

Monochromacy



Original Color

30.0593, 0.2616, 0.2140

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

30.8400, 0.2931, 0.2823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0593, 0.2616, 0.2140 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, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(162, 134, 223)  
}
```

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, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 134, 223) }
```

Border

The CSS property to change the border of an element to Yxy 30.0593, 0.2616, 0.2140 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, 134, 223) }
```

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

```
.border{ border-color:rgb(162, 134, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 134, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(162, 134,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0593, 0.2616, 0.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 134, 223) }
```

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

```
.background{ background-color: rgb(162,  
134, 223) }
```

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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