

Converting Colors

$Y_{xy}(19.9028, 0.3162, 0.2018)$

Have a look what the booklet for
Yxy(19.9028, 0.3162, 0.2018)
contains.

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Color

Yxy(19.9028, 0.3162, 0.2018)

Conversions

Conversions Part 1

Format	Color
Hex	B655B8
RGB	182, 85, 184
RGB Percent	71%, 33%, 72%
CMY	0.2864, 0.6666, 0.2785
CMYK	0.01, 0.54, 0.00, 0.28
HSL	299°, 41%, 53%
HSV	299°, 54%, 72%
XYZ	31.1857, 19.9028, 47.5379
YIQ	125.2890, 26.0330, 51.3530

Conversions

Conversions Part 2

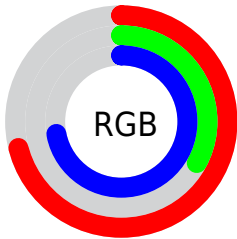
Format	Color
RYB	182, 85, 184
Decimal	11949496
CIELab	51.73, 52.93, -34.95
CIELCh	52, 63.432, 326.561
Yxy	19.9028, 0.3162, 0.2018
Android (android.graphics.Color)	4290139576 (0xFFB655B8)
YUV	125.2890, 28.9445, 49.7355
Hunter-Lab	44.6126, 46.7055, -31.9490

Details

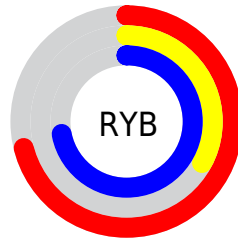
The Yxy color **19.9028, 0.3162, 0.2018** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **36.9602, 0.3061, 0.4980**, and the grayscale version is **20.5072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2818, 0.3176, 0.2257**, and **6.9261, 0.3130, 0.1658** is the 20% darker color. If you saturate the color by 10%, you get **17.3271, 0.3165, 0.1838**, and if you desaturate by 10%, it is **23.2336, 0.3158, 0.2229**.

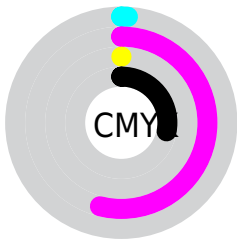
Distribution



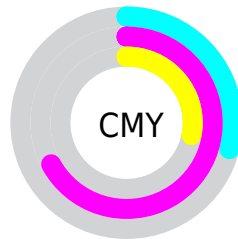
- Red (71%)
- Green (33%)
- Blue (72%)



- Red (71%)
- Yellow (33%)
- Blue (72%)



- Cyan (1%)
- Magenta (54%)
- Yellow (0%)
- Black (28%)




- Cyan (29%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.9028, 0.3162, 0.2018 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 19.9028, 0.3162, 0.2018 by changing the saturation by 10% instead.


 19.9028, 0.3162,
0.2018


 19.9028, 0.3162,
0.2018


251.3884, 0.3170,
0.2663


 12.3244, 0.3150,
0.1858


 43.2542, 0.3172,
0.2252


 6.9650, 0.3129,
0.1656


 59.7959, 0.3173,
0.2341

 3.4402, 0.3087,
0.1395


 80.0943, 0.3173,
0.2415

 1.3657, 0.3004,
0.1052

 104.5336, 0.3173,
0.2479

 0.1912, 0.2905,
0.0338

133.4982, 0.3173,
0.2534

 0.0000, 0.2159,
0.0000

167.3727, 0.3172,

 0.0000, 0.0000,

0.2583

0.0000

206.5413, 0.3171,
0.2625

■ 19.9028, 0.3162,
0.2018

■ 19.9028, 0.3162,
0.2018

■ 17.3271, 0.3165,
0.1838

■ 23.2336, 0.3158,
0.2229

■ 15.4441, 0.3165,
0.1696

■ 27.3700, 0.3152,
0.2461

■ 14.1860, 0.3164,
0.1595

■ 32.3615, 0.3145,
0.2706

■ 13.4702, 0.3161,
0.1537

■ 38.2526, 0.3138,
0.2955

■ 13.1927, 0.3159,
0.1514

■ 45.0848, 0.3130,
0.3200

■ 52.8972, 0.3122,
0.3435

■ 61.7264, 0.3114,
0.3657

■ 71.6072, 0.3107,
0.3864

■ 82.5730, 0.3099,
0.4055

Harmonies

Analogous

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



19.9028, 0.2154, 0.1716



19.9028, 0.3162, 0.2018



19.9028, 0.4379, 0.2557

Triad

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



19.9028, 0.3162, 0.2018



19.9028, 0.4722, 0.4779



19.9028, 0.1385, 0.2787

Complementary

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



19.9028, 0.3162, 0.2018



36.9602, 0.3061, 0.4980

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.



19.9028, 0.1869, 0.4095



19.9028, 0.3162, 0.2018



19.9028, 0.3786, 0.5413

Square

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



19.9028, 0.3162, 0.2018



19.9028, 0.5311, 0.3980



19.9028, 0.2751, 0.5274



19.9028, 0.1299, 0.2004

Rectangle

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



19.9028, 0.3162, 0.2018



19.9028, 0.5029, 0.2999



19.9028, 0.2751, 0.5274



19.9028, 0.1498, 0.3176

Sweetspot

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



19.9037, 0.3162, 0.2018



66.5459, 0.3140, 0.2893



12.4263, 0.2115, 0.1652



13.8657, 0.3141, 0.2842



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



19.9037, 0.3162, 0.2018



30.5215, 0.3165, 0.1802



18.5198, 0.3821, 0.2565



9.1532, 0.3135, 0.3065



9.0977, 0.3159, 0.1514



0.3237, 0.3173, 0.1522

Inverse Universe

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



17.3792, 0.4650, 0.3267



25.4863, 0.5220, 0.3267



37.8526, 0.2766, 0.4188



9.0151, 0.3285, 0.3286



7.0300, 0.6374, 0.3285



0.2488, 0.6268, 0.3227

Previews

White Background



This preview shows how the Yxy color 19.9028, 0.3162, 0.2018 looks on a white background.

Color Contrast Check

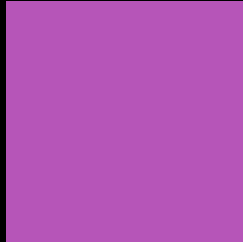
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9028, 0.3162, 0.2018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

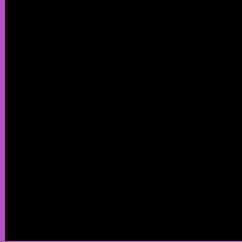
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9028, 0.3162, 0.2018

Background



This preview shows how black text looks on a background with the Yxy color 19.9028, 0.3162, 0.2018.



This preview shows how white text looks on a background with the Yxy color 19.9028, 0.3162, 0.2018.

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

19.9028, 0.3162, 0.2018

Protanopia

20.3304, 0.2048, 0.1851

Deuteranopia

20.2238, 0.2418, 0.2372



Tritanopia

19.9326, 0.4005, 0.3187

Trichromacy



Original Color

19.9028, 0.3162, 0.2018



Protanomaly

18.9363, 0.2322, 0.1853



Deuteranomaly

19.1381, 0.2639, 0.2175



Tritanomaly

19.6145, 0.3677, 0.2694

Monochromacy



Original Color

19.9028, 0.3162, 0.2018



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

19.3382, 0.3155, 0.2697

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9028, 0.3162, 0.2018 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(182, 85, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 85, 184)  
}
```

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(182, 85, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 85, 184) }
```

Border

The CSS property to change the border of an element to Yxy 19.9028, 0.3162, 0.2018 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(182, 85, 184) }
```

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

```
.border{ border-color:rgb(182, 85, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 85, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 85, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 85, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 85,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9028, 0.3162, 0.2018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 85, 184) }
```

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

```
.background{ background-color: rgb(182, 85,  
184) }
```

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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