

Converting Colors

$Y_{xy}(31.9181, 0.3406, 0.2061)$

Have a look what the booklet for
Yxy(31.9181, 0.3406, 0.2061)
contains.

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Color

Yxy(32.0055, 0.3406, 0.2061)

Conversions

Conversions Part 1

Format	Color
Hex	F060DB
RGB	240, 96, 219
RGB Percent	94%, 38%, 86%
CMY	0.0590, 0.6233, 0.1413
CMYK	0.00, 0.60, 0.09, 0.06
HSL	309°, 83%, 66%
HSV	309°, 60%, 94%
XYZ	52.8922, 32.0055, 70.3935
YIQ	153.0780, 46.3410, 68.7810

Conversions

Conversions Part 2

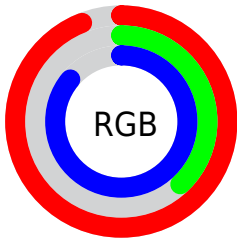
Format	Color
R _{YB}	240, 96, 219
Decimal	15753435
CIE _{Lab}	63.35, 69.25, -36.13
CIE _{LCh}	63, 78.108, 332.447
Yxy	32.0055, 0.3406, 0.2061
Android (android.graphics.Color)	4293943515 (0xFFFF060DB)
YUV	153.0780, 32.4995, 76.2306
Hunter-Lab	56.5734, 67.8815, -34.1723

Details

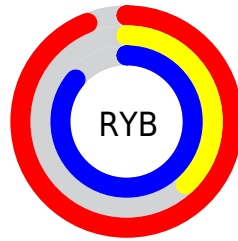
The Yxy color **32.0055, 0.3406, 0.2061** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **66.0724, 0.2951, 0.4976**, and the grayscale version is **31.7387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5912, 0.3173, 0.2311**, and **13.4326, 0.3451, 0.1768** is the 20% darker color. If you saturate the color by 10%, you get **28.0915, 0.3463, 0.1924**, and if you desaturate by 10%, it is **37.2625, 0.3350, 0.2233**.

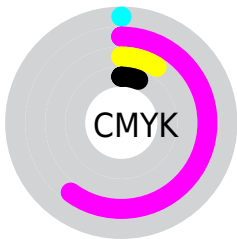
Distribution



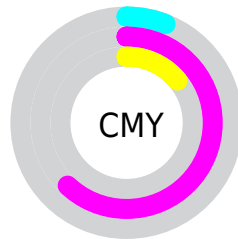
- Red (94%)
- Green (38%)
- Blue (86%)



- Red (94%)
- Yellow (38%)
- Blue (86%)



- Cyan (0%)
- Magenta (60%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (62%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.0055, 0.3406, 0.2061 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 32.0055, 0.3406, 0.2061 by changing the saturation by 10% instead.


 32.0055, 0.3406,
0.2061


 32.0055, 0.3406,
0.2061


311.1443, 0.3289,
0.2637


 21.3657, 0.3428,
0.1930


 62.8197, 0.3369,
0.2261

 13.3916, 0.3453,
0.1771


 83.7629, 0.3353,
0.2338

 7.6987, 0.3480,
0.1572


 108.9094, 0.3339,
0.2405

 3.9028, 0.3505,
0.1320

 138.6435, 0.3327,
0.2464

 1.6193, 0.3520,
0.0999

173.3496, 0.3316,
0.2515

 0.3706, 0.3539,
0.0485

213.4122, 0.3306,

 0.0000, 0.3399,

0.2560

0.0000

259.2156, 0.3297,
0.2601

■ 0.0000, 0.0000,
0.0000

■ 32.0055, 0.3406,
0.2061

■ 32.0055, 0.3406,
0.2061

■ 28.0915, 0.3463,
0.1924

■ 37.2625, 0.3350,
0.2233

■ 25.3899, 0.3519,
0.1829

■ 43.9679, 0.3297,
0.2431

■ 23.7524, 0.3573,
0.1779

■ 52.2221, 0.3247,
0.2644


■ 22.9271, 0.3623,
0.1770


■ 62.1152, 0.3202,
0.2862


■ 22.9252, 0.3623,
0.1770

■ 73.7302, 0.3162,
0.3080

 87.1448, 0.3127,
0.3291

 96.5381, 0.3100,
0.3404

 96.7520, 0.3080,
0.3369

 96.9701, 0.3061,
0.3334

Harmonies

Analogous

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



32.0055, 0.2284, 0.1699



32.0055, 0.3406, 0.2061



32.0055, 0.4668, 0.2651

Triad

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



32.0055, 0.3406, 0.2061



32.0055, 0.4593, 0.4977



32.0055, 0.1273, 0.2546

Complementary

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



32.0055, 0.3406, 0.2061



66.0724, 0.2951, 0.4976

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.



32.0055, 0.1676, 0.3835



32.0055, 0.3406, 0.2061



32.0055, 0.3580, 0.5575

Square

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



32.0055, 0.3406, 0.2061



32.0055, 0.5318, 0.4139



32.0055, 0.2516, 0.5219



32.0055, 0.1259, 0.1852

Rectangle

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



32.0055, 0.3406, 0.2061



32.0055, 0.5261, 0.3116



32.0055, 0.2516, 0.5219



32.0055, 0.1359, 0.2912

Sweetspot

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



32.0070, 0.3406, 0.2061



73.7065, 0.3194, 0.2904



18.3251, 0.2080, 0.1411



15.0001, 0.3206, 0.2840



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.



32.0070, 0.3406, 0.2061



31.4318, 0.3476, 0.1898



29.0577, 0.4288, 0.2738



15.9895, 0.3160, 0.3091



12.5696, 0.3615, 0.1765



1.0564, 0.3553, 0.1731

Inverse Universe

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



32.0070, 0.3406, 0.2061



31.4318, 0.3476, 0.1898



68.3834, 0.2625, 0.3992



15.9895, 0.3160, 0.3091



12.5696, 0.3615, 0.1765



1.0564, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 32.0055, 0.3406, 0.2061 looks on a white background.

Color Contrast Check

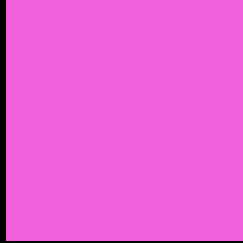
Large Text (above 18pt) WCAG AA × Fail

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 32.0055, 0.3406, 0.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

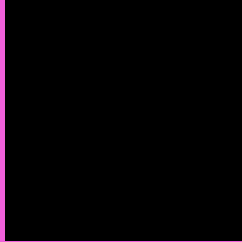
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0055, 0.3406, 0.2061

Background



This preview shows how black text looks on a background with the Yxy color 32.0055, 0.3406, 0.2061.



This preview shows how white text looks on a background with the Yxy color 32.0055, 0.3406, 0.2061.

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

32.0055, 0.3406, 0.2061

Protanopia

32.3477, 0.2123, 0.1940

Deuteranopia

32.3439, 0.2523, 0.2472



Tritanopia

31.8409, 0.4341, 0.3191

Trichromacy



Original Color

32.0055, 0.3406, 0.2061



Protanomaly

29.5442, 0.2443, 0.1904



Deuteranomaly

30.3053, 0.2797, 0.2248



Tritanomaly

31.4699, 0.3997, 0.2726

Monochromacy



Original Color

32.0055, 0.3406, 0.2061



Achromatopsia

31.8547, 0.3127, 0.3290



Achromatomaly

29.9911, 0.3241, 0.2686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0055, 0.3406, 0.2061 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(240, 96, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 96, 219)  
}
```

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(240, 96, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 96, 219) }
```

Border

The CSS property to change the border of an element to Yxy 32.0055, 0.3406, 0.2061 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(240, 96, 219) }
```

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

```
.border{ border-color:rgb(240, 96, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 96, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 96, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 96, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 96,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0055, 0.3406, 0.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 96, 219) }
```

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

```
.background{ background-color: rgb(240, 96,  
219) }
```

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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