

Converting Colors

YUV(100.3440, 46.1724,
124.2323)

Have a look what the booklet for
YUV(100.3440, 46.1724, 124.2323)
contains.

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Color

**YUV(100.3440, 46.1724,
124.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	F20AC2
RGB	242, 10, 194
RGB Percent	95%, 4%, 76%
CMY	0.0510, 0.9608, 0.2392
CMYK	0.00, 0.96, 0.20, 0.05
HSL	312°, 92%, 49%
HSV	312°, 96%, 95%
XYZ	46.4641, 22.9894, 53.0274
YIQ	100.3440, 79.2080, 106.4080

Conversions

Conversions Part 2

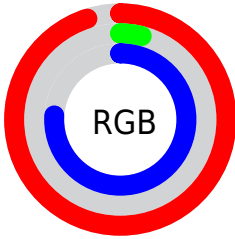
Format	Color
R _Y B	242, 10, 194
Decimal	15862466
CIE Lab	55.06, 87.58, -34.83
CIE LCh	55, 94.253, 338.310
Yxy	22.9894, 0.3794, 0.1877
Android (android.graphics.Color)	4294052546 (0xFFFF20AC2)
YUV	100.3440, 46.1724, 124.2323
Hunter-Lab	47.9472, 89.0709, -32.0089

Details

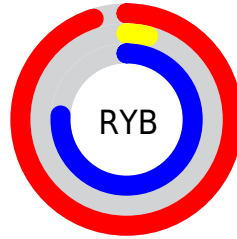
The YUV color **100.3440, 46.1724, 124.2323** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **151.6560, -46.1724, -124.2323**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7330, 42.5296, 79.1642**, and **70.0790, 34.4711, 97.2777** is the 20% darker color. If you saturate the color by 10%, you get **94.2460, 48.1927, 129.5803**, and if you desaturate by 10%, it is **115.0020, 41.4110, 111.3772**.

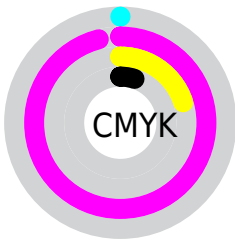
Distribution



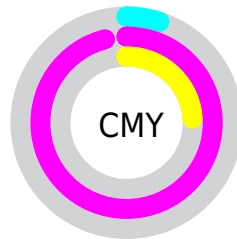
- Red (95%)
- Green (4%)
- Blue (76%)



- Red (95%)
- Yellow (4%)
- Blue (76%)



- Cyan (0%)
- Magenta (96%)
- Yellow (20%)
- Black (5%)




- Cyan (5%)
- Magenta (96%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.3440, 46.1724, 124.2323 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 YUV color 100.3440, 46.1724, 124.2323 by changing the saturation by 10% instead.


 100.3440, 46.1724,
124.2323


 100.3440, 46.1724,
124.2323


255.0000, 0.0000,
0.0000


 82.1270, 41.8424,
113.0216


 164.7330, 42.5296,
79.1642


 70.0790, 34.4711,
97.2777


 183.9730, 35.0163,
62.2907

 58.1450, 27.5365,
81.4338


 202.1700, 26.0452,
46.3319

 46.3250, 21.0388,
65.4900

 219.7800, 17.3635,
30.8879

 34.9180, 14.8304,
50.0609

 237.9770, 8.3923,
14.9292

 23.6250, 9.0589,
34.5319

 12.1470, 3.8715,

18.2881

■ 0.0000, 0.0000,
0.0000

■ 100.3440, 46.1724,
124.2323

■ 100.3440, 46.1724,
124.2323

■ 94.2460, 48.1927,
129.5803

■ 115.0020, 41.4110,
111.3772

■ 129.6600, 36.6496,
98.5222

■ 144.9050, 31.5988,
85.1523

■ 159.5630, 26.8374,
72.2972

■ 174.2210, 22.0760,
59.4422

■ 188.8790, 17.3147,
46.5871

■ 203.5370, 12.5533,
33.7321

■ 218.7820, 7.5025,
20.3622

■ 233.4400, 2.7411,
7.5071

Harmonies

Analogous

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



131.7670, 60.7539, 20.3753



100.3440, 46.1724, 124.2323



89.1270, 11.7694, 145.4706

Triad

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



100.3440, 46.1724, 124.2323



121.6920, -59.9942, 16.0561



122.7160, 53.8770, -107.6219

Complementary

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



100.3440, 46.1724, 124.2323



151.6560, -46.1724, -124.2323

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.



114.2970, 19.0806, -100.2385



100.3440, 46.1724, 124.2323



99.3790, -48.9938, -59.0914

Square

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



100.3440, 46.1724, 124.2323



122.9410, -60.6099, 73.7197



102.0310, -17.7633, -89.4812



121.2290, 65.9491, -106.3178

Rectangle

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



100.3440, 46.1724, 124.2323



83.0850, -11.3809, 150.7695



102.0310, -17.7633, -89.4812



120.5670, 43.1045, -105.7373

Sweetspot

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



100.3440, 46.1724, 124.2323



209.8520, 14.8630, 39.5948



50.2020, 94.5564, 5.0848



100.4450, 8.6546, 24.1657



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



100.3440, 46.1724, 124.2323



99.2730, 50.6444, 136.5726



87.3480, -3.6226, 135.6298



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.7600, 10.9643, 30.0285

Inverse Universe

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



100.3440, 46.1724, 124.2323



99.2730, 50.6444, 136.5726



164.6520, 3.6226, -135.6298



112.6140, 2.1623, 6.4775



71.6600, 36.6496, 98.5222



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 100.3440, 46.1724, 124.2323 looks on a white background.

Color Contrast Check

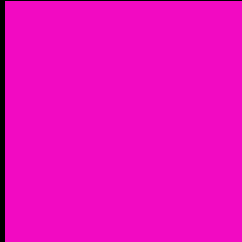
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 100.3440, 46.1724, 124.2323 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](#).

YUV 100.3440, 46.1724, 124.2323 Background



This preview shows how black text looks on a background with the YUV color 100.3440, 46.1724, 124.2323.



This preview shows how white text looks on a background with the YUV color 100.3440, 46.1724, 124.2323.

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

100.3440, 46.1724, 124.2323

Protanopia

122.4340, 65.3550, -55.6316

Deuteranopia

132.9270, 24.1930, -13.0910



Tritanopia

124.1000, -21.2483, 95.5053

Trichromacy



Original Color

100.3440, 46.1724, 124.2323



Protanomaly

114.7180, 58.3130, 9.8943



Deuteranomaly

121.0100, 32.0401, 36.8252



Tritanomaly

115.5830, 3.1636, 105.6057

Monochromacy



Original Color

100.3440, 46.1724, 124.2323



Achromatopsia

100.0000, 0.0000, 0.0000



Achromatomaly

100.0530, 16.7359, 45.5575

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3440, 46.1724, 124.2323 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(242, 10, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 10, 194)  
}
```

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(242, 10, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 10, 194) }
```

Border

The CSS property to change the border of an element to YUV 100.3440, 46.1724, 124.2323 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(242, 10, 194) }
```


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

```
.border{ border-color:rgb(242, 10, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 10, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 10, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 10, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 10,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 100.3440, 46.1724, 124.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 10, 194) }
```

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

```
.background{ background-color: rgb(242, 10,  
194) }
```

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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