

Converting Colors

YUV(100.0210, 15.7656,
123.6386)

Have a look what the booklet for
YUV(100.0210, 15.7656, 123.6386)
contains.

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Color

**YUV(100.0210, 15.7656,
123.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	F11684
RGB	241, 22, 132
RGB Percent	95%, 9%, 52%
CMY	0.0549, 0.9137, 0.4824
CMYK	0.00, 0.91, 0.45, 0.05
HSL	330°, 89%, 52%
HSV	330°, 91%, 95%
XYZ	40.7274, 20.9405, 23.7251
YIQ	100.0210, 95.2140, 80.6380

Conversions

Conversions Part 2

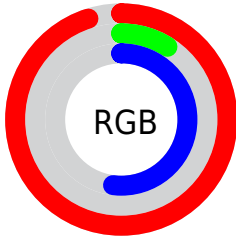
Format	Color
R_{YB}	241, 22, 132
Decimal	15799940
CIE _{Lab}	52.88, 80.04, -1.58
CIE _{LCh}	53, 80.052, 358.866
Yxy	20.9405, 0.4769, 0.2452
Android (android.graphics.Color)	4293990020 (0xFFFF11684)
YUV	100.0210, 15.7656, 123.6386
Hunter-Lab	45.7608, 78.7846, 1.2931

Details

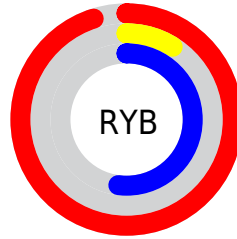
The YUV color **100.0210, 15.7656, 123.6386** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **162.9790, -15.7656, -123.6386**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.2090, 13.7010, 85.7627**, and **62.6840, 10.0158, 101.1321** is the 20% darker color. If you saturate the color by 10%, you get **85.8530, 17.3275, 136.0639**, and if you desaturate by 10%, it is **115.4770, 14.0618, 110.0837**.

Distribution



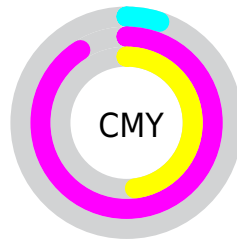
- Red (95%)
- Green (9%)
- Blue (52%)



- Red (95%)
- Yellow (9%)
- Blue (52%)



- Cyan (0%)
- Magenta (91%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (91%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.0210, 15.7656, 123.6386 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 100.0210, 15.7656, 123.6386 by changing the saturation by 10% instead.


 100.0210, 15.7656,
123.6386


 100.0210, 15.7656,
123.6386


255.0000, 0.0000,
0.0000


 74.9880, 15.7819,
118.4055


 157.2090, 13.7010,
85.7627


 62.6840, 10.0158,
101.1321


 178.4840, 16.5234,
67.1045

 51.0920, 4.3916,
84.9883


 199.4000, 20.5088,
48.7612

 39.4290, -0.2115,
68.0298

 219.1930, 17.6529,
31.4027

 28.3640, -5.1095,
52.3008

 236.8030, 8.9711,
15.9588

 17.2710, -7.5286,
34.8423

254.4130, 0.2894,

 4.4850, -2.2111,

0.5148

9.2217

■ 0.0000, 0.0000,
0.0000

■ 100.0210, 15.7656,
123.6386

■ 100.0210, 15.7656,
123.6386

■ 85.8530, 17.3275,
136.0639

■ 115.4770, 14.0618,
110.0837

■ 130.9330, 12.3580,
96.5288

■ 146.3890, 10.6542,
82.9738

■ 161.8450, 8.9504,
69.4189

■ 177.3010, 7.2466,
55.8640

■ 193.3440, 5.2534,
41.7943

■ 208.8000, 3.5496,
28.2394

■ 224.2560, 1.8458,
14.6845

■ 239.7120, 0.1420,
1.1296

Harmonies

Analogous

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



123.0110, 37.4626, 71.0274



100.0210, 15.7656, 123.6386



108.2210, -21.3080, 114.6932

Triad

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



100.0210, 15.7656, 123.6386



108.7800, -53.6285, -19.1011



115.9800, 63.6069, -101.7145

Complementary

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



100.0210, 15.7656, 123.6386



162.9790, -15.7656, -123.6386

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.



112.7590, 38.5728, -98.8896



100.0210, 15.7656, 123.6386



93.9950, -23.1685, -82.4336

Square

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



100.0210, 15.7656, 123.6386



118.5460, -58.4432, 31.9702



104.8930, 8.4338, -91.9912



108.9020, 72.0263, -95.5071

Rectangle

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



100.0210, 15.7656, 123.6386



114.2220, -49.9024, 92.7673



104.8930, 8.4338, -91.9912



116.0310, 56.1867, -101.7592

Sweetspot

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



100.0210, 15.7656, 123.6386



210.6210, 5.1168, 38.9204



78.6600, 80.0336, 43.2712



101.5390, 2.6923, 23.2063



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.



100.0210, 15.7656, 123.6386



90.8370, 18.3214, 143.9710



87.9370, -30.5349, 134.2363



112.2720, 0.8519, 6.7775



65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Inverse Universe

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



100.0210, 15.7656, 123.6386



90.8370, 18.3214, 143.9710



175.0630, 30.5349, -134.2363



112.2720, 0.8519, 6.7775



65.5040, 13.0625, 103.9210



19.9360, 3.9756, 31.6281

Previews

White Background



This preview shows how the YUV color 100.0210, 15.7656, 123.6386 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 100.0210, 15.7656, 123.6386 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 100.0210, 15.7656, 123.6386 Background



This preview shows how black text looks on a background with the YUV color 100.0210, 15.7656, 123.6386.



This preview shows how white text looks on a background with the YUV color 100.0210, 15.7656, 123.6386.

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

100.0210, 15.7656, 123.6386

Protanopia

126.5010, 30.3190, -17.9794

Deuteranopia

128.2680, -3.0901, 11.1660



Tritanopia

109.5320, -26.3913, 111.7894

Trichromacy



Original Color

100.0210, 15.7656, 123.6386

Protanomaly

117.1530, 25.0676, 33.1918

Deuteranomaly

117.7690, 4.0579, 51.9456

Tritanomaly

105.9790, -10.8356, 115.7824

Monochromacy



Original Color

100.0210, 15.7656, 123.6386

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.1810, 5.8268, 44.5683

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0210, 15.7656, 123.6386 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(241, 22, 132)` looks like.

```
.text, #text, p{  
    color:rgb(241, 22, 132)  
}
```

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(241, 22, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 22, 132) }
```

Border

The CSS property to change the border of an element to YUV 100.0210, 15.7656, 123.6386 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(241, 22, 132) }
```


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

```
.border{ border-color:rgb(241, 22, 132) }
```

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

Here you see how a box with a 4 pixel rgb(241, 22, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 22, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 22, 132);  
box-shadow:4px 4px 4px 4px rgb(241, 22,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 100.0210, 15.7656, 123.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 22, 132) }
```

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

```
.background{ background-color: rgb(241, 22,  
132) }
```

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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