

Converting Colors

YUV(120.5880, -14.5869,
105.6013)

Have a look what the booklet for
YUV(120.5880, -14.5869, 105.6013)
contains.

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Color

**YUV(120.5880, -14.5869,
105.6013)**

Conversions

Conversions Part 1

Format	Color
Hex	F1415B
RGB	241, 65, 91
RGB Percent	95%, 25%, 36%
CMY	0.0549, 0.7451, 0.6431
CMYK	0.00, 0.73, 0.62, 0.05
HSL	351°, 86%, 60%
HSV	351°, 73%, 95%
XYZ	40.0543, 23.2367, 12.2716
YIQ	120.5880, 96.5500, 45.3980

Conversions

Conversions Part 2

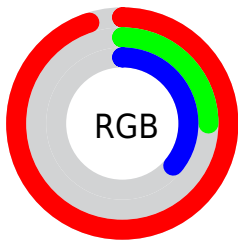
Format	Color
R_{YB}	241, 65, 91
Decimal	15810907
CIE _{Lab}	55.32, 67.47, 26.35
CIE _{LCh}	55, 72.433, 21.333
Yxy	23.2367, 0.5301, 0.3075
Android (android.graphics.Color)	4294000987 (0xFFFF1415B)
YUV	120.5880, -14.5869, 105.6013
Hunter-Lab	48.2045, 63.9622, 18.6495

Details

The YUV color **120.5880, -14.5869, 105.6013** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed red. A complement of this color would be **185.4120, 14.5869, -105.6013**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6940, -12.1741, 78.3214**, and **58.4660, -6.1457, 104.8313** is the 20% darker color. If you saturate the color by 10%, you get **104.1060, -16.8143, 120.0560**, and if you desaturate by 10%, it is **137.0700, -12.3595, 91.1466**.

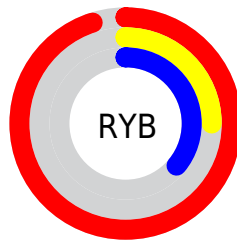
Distribution



Red (95%)

Green (25%)

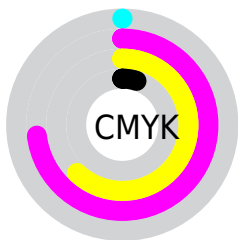
Blue (36%)



Red (95%)

Yellow (25%)

Blue (36%)

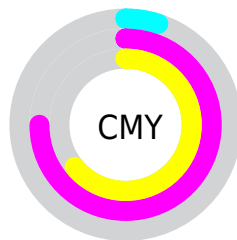


Cyan (0%)

Magenta (73%)

Yellow (62%)

Black (5%)



Cyan (5%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.5880, -14.5869, 105.6013 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 120.5880, -14.5869, 105.6013 by changing the saturation by 10% instead.

■ 120.5880,
-14.5869, 105.6013

■ 120.5880,
-14.5869, 105.6013

■ 255.0000, 0.0000,
0.0000

■ 86.0920, -8.9194,
107.7903

■ 165.6940,
-12.1741, 78.3214

■ 58.4660, -6.1457,
104.8313

■ 185.6810, -9.2097,
60.7928

■ 46.6180, -10.1647,
87.1580

■ 205.7820, -5.8085,
43.1642

■ 34.6840, -17.0992,
71.3141

■ 226.5840, -2.2599,
24.9208

■ 25.6430, -11.6560,
52.0561

■ 247.5000, 1.7255,
6.5775

■ 16.6730, -7.2338,
33.6128

■ 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 120.5880,
-14.5869, 105.6013

■ 120.5880,
-14.5869, 105.6013

■ 104.1060,
-16.8143, 120.0560

■ 137.0700,
-12.3595, 91.1466

■ 87.7380, -18.6048,
134.4108

■ 153.4380,
-10.5689, 76.7919

■ 76.1630, -19.8004,
144.5620

■ 169.9200, -8.3416,
62.3372

■ 186.2880, -6.5510,
47.9824

■ 203.3570, -4.6130,
33.0129

219.7250, -2.8224,
18.6582

236.2070, -0.5951,
4.2035

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



123.8020, 14.3946, 96.6436



120.5880, -14.5869, 105.6013



124.3670, -46.5229, 82.1161

Triad

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



120.5880, -14.5869, 105.6013



95.5280, -24.9103, -83.7781



114.7720, 69.1324, -100.6550

Complementary

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



120.5880, -14.5869, 105.6013



185.4120, 14.5869, -105.6013

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.



118.3790, 55.0292, -103.8184



120.5880, -14.5869, 105.6013



106.1010, 2.9082, -93.0506

Square

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



120.5880, -14.5869, 105.6013



118.9240, -58.6295, -1.6873



114.0980, 31.0107, -100.0639



126.8170, 61.2222, -36.6735

Rectangle

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



120.5880, -14.5869, 105.6013



124.6140, -61.4347, 58.2205



114.0980, 31.0107, -100.0639



116.7780, 66.6644, -102.4143

Sweetspot

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



120.5880, -14.5869, 105.6013



216.6560, -4.7604, 33.6277



129.9140, 54.7654, 74.6204



104.7360, -2.8278, 20.4025



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.



120.5880, -14.5869, 105.6013



101.7380, -18.6048, 134.4108



154.0180, -43.8859, 76.2832



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Inverse Universe

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



120.5880, -14.5869, 105.6013



101.7380, -18.6048, 134.4108



151.9820, 43.8859, -76.2832



111.8160, -0.8953, 7.1774



58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 120.5880, -14.5869, 105.6013 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 120.5880, -14.5869, 105.6013 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 120.5880, -14.5869, 105.6013 Background



This preview shows how black text looks on a background with the YUV color 120.5880, -14.5869, 105.6013.

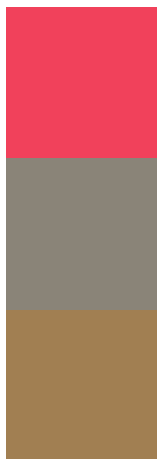


This preview shows how white text looks on a background with the YUV color 120.5880, -14.5869, 105.6013.

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

120.5880, -14.5869, 105.6013

Protanopia

132.4260, -6.1260, 4.8884

Deuteranopia

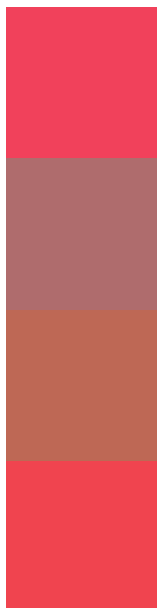
132.0360, -24.6677, 25.4014



Tritanopia

120.4710, -23.8962, 104.8269

Trichromacy



Original Color

120.5880, -14.5869, 105.6013

Protanomaly

128.1470, -9.4395, 41.0901

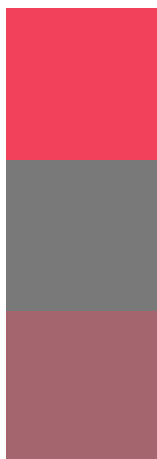
Deuteranomaly

127.5480, -20.9762, 54.7704

Tritanomaly

120.6820, -20.5492, 104.6419

Monochromacy



Original Color

120.5880, -14.5869, 105.6013

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.1620, -5.5029, 38.4459

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.5880, -14.5869, 105.6013 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, 65, 91)` looks like.

```
.text, #text, p{  
    color:rgb(241, 65, 91)  
}
```

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, 65, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 65, 91) }
```

Border

The CSS property to change the border of an element to YUV 120.5880, -14.5869, 105.6013 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, 65, 91) }
```


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

```
.border{ border-color:rgb(241, 65, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 65, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 65, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 65, 91);  
box-shadow:4px 4px 4px 4px rgb(241, 65,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 120.5880, -14.5869, 105.6013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 65, 91) }
```

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

```
.background{ background-color: rgb(241, 65,  
91) }
```

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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