

Converting Colors

YUV(93.2240, -5.5334,
141.8776)

Have a look what the booklet for
YUV(93.2240, -5.5334, 141.8776)
contains.

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Color

**YUV(93.2240, -5.5334,
141.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0D52
RGB	255, 13, 82
RGB Percent	100%, 5%, 32%
CMY	0.0000, 0.9490, 0.6784
CMYK	0.00, 0.95, 0.68, 0.00
HSL	343°, 100%, 53%
HSV	343°, 95%, 100%
XYZ	42.9069, 22.1570, 9.9979
YIQ	93.2240, 122.0830, 72.7630

Conversions

Conversions Part 2

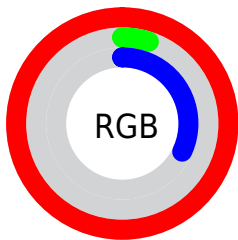
Format	Color
R_{YB}	255, 13, 82
Decimal	16715090
CIE _{Lab}	54.19, 81.00, 30.79
CIE _{LCh}	54, 86.658, 20.815
Yxy	22.1570, 0.5716, 0.2952
Android (android.graphics.Color)	4294905170 (0xFFFF0D52)
YUV	93.2240, -5.5334, 141.8776
Hunter-Lab	47.0713, 80.3335, 20.3567

Details

The YUV color **93.2240, -5.5334, 141.8776** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **174.7760, 5.5334, -141.8776**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4660, -9.5967, 91.6763**, and **60.8430, -11.2616, 112.3937** is the 20% darker color. If you saturate the color by 10%, you get **84.5670, -5.7025, 149.4697**, and if you desaturate by 10%, it is **110.5380, -5.1952, 126.6932**.

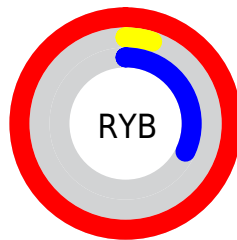
Distribution



Red (100%)

Green (5%)

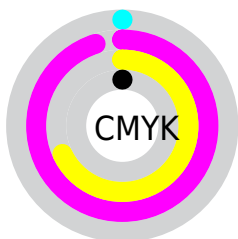
Blue (32%)



Red (100%)

Yellow (5%)

Blue (32%)

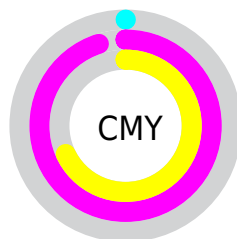


Cyan (0%)

Magenta (95%)

Yellow (68%)

Black (0%)



Cyan (0%)


Magenta (95%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.2240, -5.5334, 141.8776 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 93.2240, -5.5334, 141.8776 by changing the saturation by 10% instead.


 93.2240, -5.5334,
141.8776


 93.2240, -5.5334,
141.8776


255.0000, 0.0000,
0.0000


 73.1040, -6.9533,
130.5818


 150.4660, -9.5967,
91.6763

 60.8430, -11.2616,
112.3937


 171.6270, -7.2111,
73.1181


 49.1090, -14.8437,
94.6204


 192.9020, -4.3887,
54.4599

 37.4890, -17.9891,
76.7471

 213.5900, -1.2769,
36.3166

 28.2630, -11.9617,
56.7743

 235.0930, 2.4192,
17.4584

 18.8800, -7.8288,
37.8162

254.4130, 0.2894,

 7.8880, -3.3958,

0.5148

15.8842

■ 0.0000, 0.0000,
0.0000

■ 93.2240, -5.5334,
141.8776

■ 93.2240, -5.5334,
141.8776

■ 84.5670, -5.7025,
149.4697

■ 110.5380, -5.1952,
126.6932

■ 127.2650, -4.5676,
112.0236

■ 144.6930, -3.7926,
96.7392

■ 161.4200, -3.1651,
82.0697

■ 178.7340, -2.8269,
66.8853

■ 195.4610, -2.1993,
52.2157

■ 212.8890, -1.4243,
36.9313

■ 229.6160, -0.7967,
22.2618

■ 246.9300, -0.4585,
7.0774

Harmonies

Analogous

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



91.6370, 31.7310, 136.2534



93.2240, -5.5334, 141.8776



115.1320, -56.7601, 98.9852

Triad

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



93.2240, -5.5334, 141.8776



91.1960, -41.5086, -79.9789



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.



93.2240, -5.5334, 141.8776



174.7760, 5.5334, -141.8776

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.



120.7900, 61.7285, -105.9328



93.2240, -5.5334, 141.8776



105.0750, -1.0230, -92.1508

Square

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



93.2240, -5.5334, 141.8776



115.0590, -56.7241, -6.1907



115.1410, 32.4685, -100.9787



108.1810, 72.3818, -69.4417

Rectangle

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



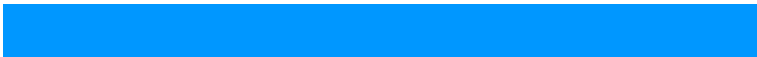
93.2240, -5.5334, 141.8776



122.0000, -60.1460, 64.8980



115.1410, 32.4685, -100.9787



117.7070, 67.6854, -103.2290

Sweetspot

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



93.2240, -5.5334, 141.8776



207.5090, -1.7299, 41.6496



91.1190, 80.7933, 79.7026



98.6380, -0.8075, 25.7505



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.



93.2240, -5.5334, 141.8776



84.5670, -5.7025, 149.4697



113.5340, -49.5633, 124.0657



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

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



93.2240, -5.5334, 141.8776



84.5670, -5.7025, 149.4697



154.4660, 49.5633, -124.0657



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 93.2240, -5.5334, 141.8776 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 93.2240, -5.5334, 141.8776 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 93.2240, -5.5334, 141.8776

Background



This preview shows how black text looks on a background with the YUV color 93.2240, -5.5334, 141.8776.



This preview shows how white text looks on a background with the YUV color 93.2240, -5.5334,

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

93.2240, -5.5334, 141.8776

Protanopia

130.4690, -4.6682, 3.9737

Deuteranopia

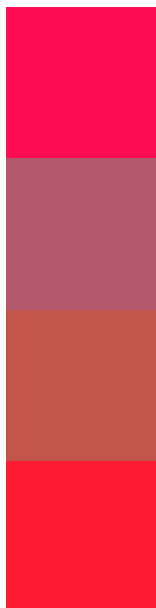
128.6080, -28.8937, 27.5308



Tritanopia

99.9110, -34.4661, 135.1361

Trichromacy



Original Color

93.2240, -5.5334, 141.8776

Protanomaly

116.7880, -4.8255, 54.5599

Deuteranomaly

116.0490, -20.7302, 69.2400

Tritanomaly

97.3810, -23.8518, 137.3549

Monochromacy



Original Color

93.2240, -5.5334, 141.8776

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.1620, -2.0519, 51.6009

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2240, -5.5334, 141.8776 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(255, 13, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 13, 82)  
}
```

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(255, 13, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 13, 82) }
```

Border

The CSS property to change the border of an element to YUV 93.2240, -5.5334, 141.8776 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(255, 13, 82) }
```


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

```
.border{ border-color:rgb(255, 13, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 13, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 13, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 13, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 13,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 93.2240, -5.5334, 141.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 13, 82) }
```

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

```
.background{ background-color: rgb(255, 13,  
82) }
```

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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