

Converting Colors

YUV(134.2800, -20.8440,
105.8714)

Have a look what the booklet for
YUV(134.2800, -20.8440, 105.8714)
contains.

YUV(134.2800, -20.8440, 105.8714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.2800, -20.8440,
105.8714)**

Conversions

Conversions Part 1

Format	Color
Hex	FF515C
RGB	255, 81, 92
RGB Percent	100%, 32%, 36%
CMY	0.0000, 0.6824, 0.6392
CMYK	0.00, 0.68, 0.64, 0.00
HSL	356°, 100%, 66%
HSV	356°, 68%, 100%
XYZ	46.1142, 27.9176, 13.0834
YIQ	134.2800, 100.1730, 40.3090

Conversions

Conversions Part 2

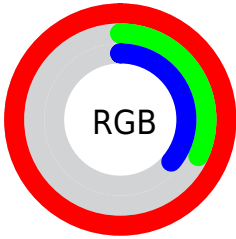
Format	Color
R_{YB}	255, 81, 92
Decimal	16732508
CIE _{Lab}	59.81, 66.10, 32.02
CIE _{LCh}	60, 73.450, 25.847
Yxy	27.9176, 0.5293, 0.3205
Android (android.graphics.Color)	4294922588 (0xFFFF515C)
YUV	134.2800, -20.8440, 105.8714
Hunter-Lab	52.8371, 63.3231, 22.3047

Details

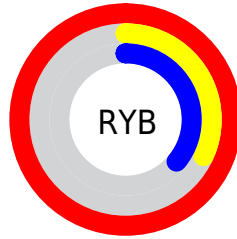
The YUV color **134.2800, -20.8440, 105.8714** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **201.7200, 20.8440, -105.8714**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.6130, -16.0782, 70.4994**, and **62.3530, -8.0620, 112.8234** is the 20% darker color. If you saturate the color by 10%, you get **116.8690, -24.0924, 121.1409**, and if you desaturate by 10%, it is **151.6910, -17.5957, 90.6020**.

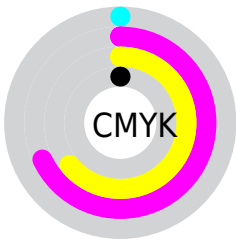
Distribution



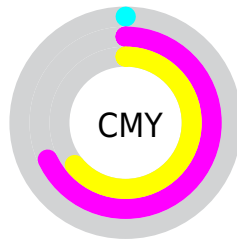
- Red (100%)
- Green (32%)
- Blue (36%)



- Red (100%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (68%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.2800, -20.8440, 105.8714 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 134.2800, -20.8440, 105.8714 by changing the saturation by 10% instead.

■ 134.2800,
-20.8440, 105.8714

■ 134.2800,
-20.8440, 105.8714

255.0000, 0.0000,
0.0000

■ 103.1920,
-17.3497, 105.0716

■ 174.6130,
-16.0782, 70.4994

■ 62.3530, -8.0620,
112.8234

■ 194.1270,
-12.3876, 53.3856

■ 50.8040, -12.2284,
95.7649

■ 214.8150, -9.2758,
35.2422

■ 38.5710, -19.0155,
79.3062

■ 235.0300, -5.4378,
17.5137

■ 29.0030, -14.2985,
59.6334

254.7720, -0.8736,
0.2000

■ 20.9730, -8.8607,
42.1197

■ 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 134.2800,
-20.8440, 105.8714

■ 134.2800,
-20.8440, 105.8714

■ 116.8690,
-24.0924, 121.1409

■ 151.6910,
-17.5957, 90.6020

■ 98.8710, -27.0514,
136.9251

■ 169.6890,
-14.6367, 74.8177

■ 81.4600, -30.2998,
152.1946

■ 187.6870,
-11.6777, 59.0335

■ 78.0690, -30.6000,
155.1685

■ 205.0980, -8.4293,
43.7641

■ 222.9820, -5.9071,
28.0798

240.3930, -2.6587,
12.8103

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



135.9830, 9.8684, 101.7469



134.2800, -20.8440, 105.8714



136.8630, -52.1905, 79.9271

Triad

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



134.2800, -20.8440, 105.8714



106.1400, -19.7890, -93.0848



120.0550, 66.5279, -105.2882

Complementary

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



134.2800, -20.8440, 105.8714



201.7200, 20.8440, -105.8714

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.



127.2300, 61.0186, -111.5807



134.2800, -20.8440, 105.8714



116.1260, 8.3189, -101.8425

Square

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



134.2800, -20.8440, 105.8714



127.7400, -62.9758, -7.6650



124.2370, 36.8582, -108.9558



142.1460, 55.6370, -18.5450

Rectangle

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



134.2800, -20.8440, 105.8714



135.5120, -66.8074, 54.8020



124.2370, 36.8582, -108.9558



122.9900, 65.0809, -107.8622

Sweetspot

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



134.2800, -20.8440, 105.8714



219.5910, -6.2074, 31.0537



149.2740, 52.1229, 82.1977



106.4970, -3.6960, 18.8581



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.



134.2800, -20.8440, 105.8714



109.9730, -25.1297, 127.1887



177.0510, -47.3531, 68.3613



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Inverse Universe

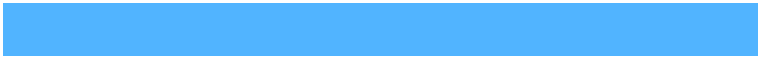
The Inverse Universe completely reimagines the original color for something new.



134.2800, -20.8440, 105.8714



109.9730, -25.1297, 127.1887



158.9490, 47.3531, -68.3613



119.0010, -1.4795, 7.8921



58.4770, -22.9132, 116.2227



19.5920, -7.6869, 38.9458

Previews

White Background



This preview shows how the YUV color 134.2800, -20.8440, 105.8714 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 134.2800, -20.8440, 105.8714 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 134.2800, -20.8440, 105.8714 Background



This preview shows how black text looks on a background with the YUV color 134.2800, -20.8440, 105.8714.



This preview shows how white text looks on a background with the YUV color 134.2800, -20.8440, 105.8714.

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

134.2800, -20.8440, 105.8714

Protanopia

143.7270, -12.6834, 8.1324

Deuteranopia

143.0920, -29.6254, 28.8603



Tritanopia

134.1830, -23.7542, 105.9565

Trichromacy



Original Color

134.2800, -20.8440, 105.8714

Protanomaly

140.2630, -15.4127, 43.6193

Deuteranomaly

139.7780, -26.5126, 57.1997

Tritanomaly

134.4110, -22.8806, 105.7566

Monochromacy



Original Color

134.2800, -20.8440, 105.8714

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2930, -7.5394, 38.3310

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.2800, -20.8440, 105.8714 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, 81, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 81, 92)  
}
```

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, 81, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 81, 92) }
```

Border

The CSS property to change the border of an element to YUV 134.2800, -20.8440, 105.8714 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, 81, 92) }
```


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

```
.border{ border-color:rgb(255, 81, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 81, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 81, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 81, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 81,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 134.2800, -20.8440, 105.8714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 81, 92) }
```

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

```
.background{ background-color: rgb(255, 81,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor