

Converting Colors

YUV(136.6540, -21.5214,
89.7574)

Have a look what the booklet for
YUV(136.6540, -21.5214, 89.7574)
contains.

YUV(136.6540, -21.5214, 89.7574)	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(136.6540, -21.5214,
89.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5D5D
RGB	239, 93, 93
RGB Percent	94%, 36%, 36%
CMY	0.0627, 0.6353, 0.6353
CMYK	0.00, 0.61, 0.61, 0.06
HSL	0°, 82%, 65%
HSV	0°, 61%, 94%
XYZ	41.4867, 26.9697, 13.3750
YIQ	136.6540, 87.0160, 30.9520

Conversions

Conversions Part 2

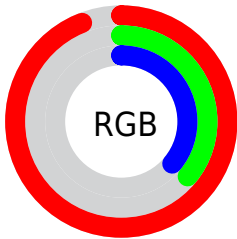
Format	Color
R_{YB}	239, 93, 93
Decimal	15687005
CIE _{Lab}	58.95, 56.24, 29.80
CIE _{LCh}	59, 63.643, 27.918
Yxy	26.9697, 0.5070, 0.3296
Android (android.graphics.Color)	4293877085 (0xFFEF5D5D)
YUV	136.6540, -21.5214, 89.7574
Hunter-Lab	51.9324, 51.7149, 21.0827

Details

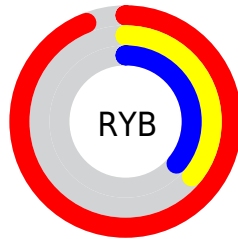
The YUV color **136.6540, -21.5214, 89.7574** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **195.3460, 21.5214, -89.7574**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0100, -18.2459, 65.7662**, and **77.6520, -15.1114, 87.1282** is the 20% darker color. If you saturate the color by 10%, you get **119.8300, -25.0592, 104.5121**, and if you desaturate by 10%, it is **153.4780, -17.9837, 75.0028**.

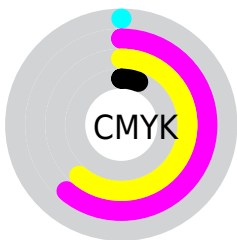
Distribution



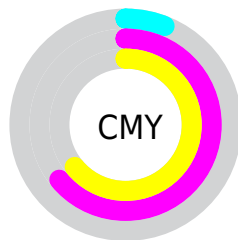
- Red (94%)
- Green (36%)
- Blue (36%)



- Red (94%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (61%)
- Yellow (61%)
- Black (6%)



- Cyan (6%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6540, -21.5214, 89.7574 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 136.6540, -21.5214, 89.7574 by changing the saturation by 10% instead.

■ 136.6540,
-21.5214, 89.7574

■ 136.6540,
-21.5214, 89.7574

255.0000, 0.0000,
0.0000

■ 108.2130,
-19.3320, 87.5132

■ 180.0100,
-18.2459, 65.7662

■ 77.6520, -15.1114,
87.1282

■ 199.5240,
-14.5553, 48.6525

■ 46.6180, -10.1647,
87.1580

■ 219.6250,
-11.1541, 31.0239

■ 34.7980, -16.6624,
71.2142

■ 239.8400, -7.3161,
13.2953

■ 25.7140, -12.6770,
52.8708

254.8860, -0.4368,
0.1000

■ 17.8690, -7.8234,
36.0719

■ 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 136.6540,
-21.5214, 89.7574

■ 136.6540,
-21.5214, 89.7574

■ 119.8300,
-25.0592, 104.5121

■ 153.4780,
-17.9837, 75.0028

■ 103.0060,
-28.5970, 119.2667

■ 170.3020,
-14.4459, 60.2481

■ 86.1820, -32.1347,
134.0214

■ 187.1260,
-10.9081, 45.4935

■ 71.4610, -35.2303,
146.9317

■ 203.9500, -7.3703,
30.7389

■ 220.0730, -3.9800,
16.5990

■ 236.8970, -0.4422,
1.8443

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



138.5160, 4.6756, 87.2475



136.6540, -21.5214, 89.7574



137.3930, -46.0427, 68.0613

Triad

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



136.6540, -21.5214, 89.7574



110.6670, -15.6118, -79.5150



117.0060, 67.5380, -102.6143

Complementary

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



136.6540, -21.5214, 89.7574



195.3460, 21.5214, -89.7574

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.



121.9980, 56.2030, -106.9922



136.6540, -21.5214, 89.7574



113.5330, 11.0762, -99.5684

Square

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



136.6540, -21.5214, 89.7574



128.8720, -49.7299, -9.5347



120.0310, 35.9737, -105.2672



142.9640, 48.3317, -8.7384

Rectangle

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



136.6540, -21.5214, 89.7574



134.7050, -59.5076, 46.7397



120.0310, 35.9737, -105.2672



119.5990, 64.7807, -104.8883

Sweetspot

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



136.6540, -21.5214, 89.7574



222.7540, -6.7807, 28.2797



153.2980, 42.2511, 75.1607



107.6710, -4.2748, 17.8285



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.



136.6540, -21.5214, 89.7574



124.6140, -27.4177, 114.3485



179.5050, -42.6470, 52.1771



111.5880, -1.7689, 7.3773



55.0160, -27.1229, 113.1190



16.7440, -8.2548, 34.4275

Inverse Universe

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



195.3460, 21.5214, -89.7574



199.3860, 27.4177, -114.3485



152.4950, 42.6470, -52.1771



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Previews

White Background



This preview shows how the YUV color 136.6540, -21.5214, 89.7574 looks on a white background.

Color Contrast Check

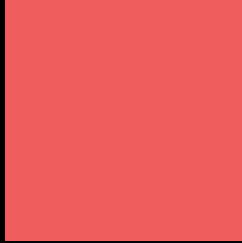
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6540, -21.5214, 89.7574 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 136.6540, -21.5214, 89.7574

Background



This preview shows how black text looks on a background with the YUV color 136.6540, -21.5214, 89.7574.



This preview shows how white text looks on a background with the YUV color 136.6540, -21.5214, 89.7574.

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

136.6540, -21.5214, 89.7574

Protanopia

141.4990, -13.5570, 8.3324

Deuteranopia

141.0640, -27.1466, 27.1309



Tritanopia

136.6370, -19.0480, 89.7724

Trichromacy



Original Color

136.6540, -21.5214, 89.7574

Protanomaly

139.5890, -16.5594, 38.0714

Deuteranomaly

139.1900, -24.7437, 49.8224

Tritanomaly

136.4090, -19.9216, 89.9723

Monochromacy



Original Color

136.6540, -21.5214, 89.7574

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8470, -7.8126, 32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6540, -21.5214, 89.7574 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(239, 93, 93)` looks like.

```
.text, #text, p{  
    color:rgb(239, 93, 93)  
}
```

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(239, 93, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 93, 93) }
```

Border

The CSS property to change the border of an element to YUV 136.6540, -21.5214, 89.7574 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(239, 93, 93) }
```


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

```
.border{ border-color:rgb(239, 93, 93) }
```

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

Here you see how a box with a 4 pixel rgb(239, 93, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 93, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 93, 93);  
box-shadow:4px 4px 4px 4px rgb(239, 93,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 136.6540, -21.5214, 89.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 93, 93) }
```

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

```
.background{ background-color: rgb(239, 93,  
93) }
```

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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