

Converting Colors

YUV(109.0530, -19.7461,
127.1185)

Have a look what the booklet for
YUV(109.0530, -19.7461, 127.1185)
contains.

YUV(109.0530, -19.7461, 127.1185)	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(109.0530, -19.7461,
127.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	FE2B45
RGB	254, 43, 69
RGB Percent	100%, 17%, 27%
CMY	0.0039, 0.8314, 0.7294
CMYK	0.00, 0.83, 0.73, 0.00
HSL	353°, 99%, 58%
HSV	353°, 83%, 100%
XYZ	42.8111, 23.2283, 7.8573
YIQ	109.0530, 117.4100, 52.8180

Conversions

Conversions Part 2

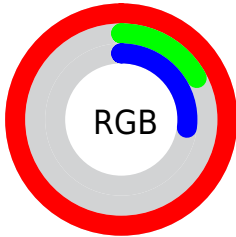
Format	Color
RYB	254, 43, 69
Decimal	16657221
CIELab	55.31, 75.92, 39.68
CIElCh	55, 85.660, 27.593
Yxy	23.2283, 0.5793, 0.3143
Android (android.graphics.Color)	4294847301 (0xFFFE2B45)
YUV	109.0530, -19.7461, 127.1185
Hunter-Lab	48.1957, 74.2149, 24.0710

Details

The YUV color **109.0530, -19.7461, 127.1185** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **187.9470, 19.7461, -127.1185**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3270, -18.8952, 87.4132**, and **59.1760, -16.3558, 112.9786** is the 20% darker color. If you saturate the color by 10%, you get **91.8700, -22.1209, 142.1880**, and if you desaturate by 10%, it is **126.2360, -17.3713, 112.0490**.

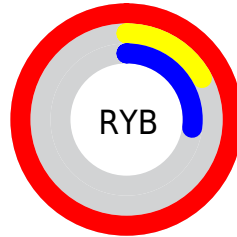
Distribution



Red (100%)

Green (17%)

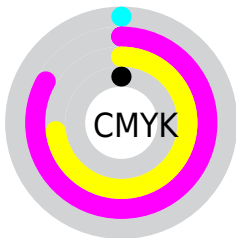
Blue (27%)



Red (100%)

Yellow (17%)

Blue (27%)

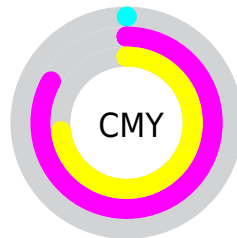


Cyan (0%)

Magenta (83%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (83%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.0530, -19.7461, 127.1185 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 109.0530, -19.7461, 127.1185 by changing the saturation by 10% instead.


 109.0530,
-19.7461, 127.1185


 109.0530,
-19.7461, 127.1185


255.0000, 0.0000,
0.0000

 71.4370, -12.0474,
131.1668


 155.3270,
-18.8952, 87.4132

 59.1760, -16.3558,
112.9786


 175.9010,
-16.2202, 69.3698

 46.8720, -22.1219,
95.7053


 196.5890,
-13.1084, 51.2264

 37.0760, -18.2785,
76.2323

 217.2770, -9.9966,
33.0831

 27.8500, -12.2510,
56.2596

 238.0790, -6.4479,
14.8397

 18.8800, -7.8288,
37.8162

254.8860, -0.4368,

 7.5890, -3.2484,

0.1000

15.2694

■ 0.0000, 0.0000,
0.0000

■ 109.0530,
-19.7461, 127.1185

■ 109.0530,
-19.7461, 127.1185

■ 91.8700, -22.1209,
142.1880

■ 126.2360,
-17.3713, 112.0490

■ 79.4800, -23.9006,
153.0540

■ 144.1200,
-14.8492, 96.3648

■ 161.3030,
-12.4744, 81.2953

■ 179.0730,
-10.3890, 65.7110

■ 196.2560, -8.0142,
50.6415

■ 213.5530, -5.2026,
35.4720

■ 231.3230, -3.1172,
19.8877

■ 248.5060, -0.7425,
4.8182

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



93.0200, 24.1471, 142.0565



109.0530, -19.7461, 127.1185



121.2570, -59.7797, 87.4746

Triad

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



109.0530, -19.7461, 127.1185



97.6480, -26.9415, -85.6373



113.5980, 69.7112, -99.6254

Complementary

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



109.0530, -19.7461, 127.1185



187.9470, 19.7461, -127.1185

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.



122.4030, 65.3703, -107.3474



109.0530, -19.7461, 127.1185



109.8170, 6.9922, -96.3095

Square

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



109.0530, -19.7461, 127.1185



114.6830, -56.5387, -19.0160



118.4810, 40.1889, -103.9078



127.6710, 62.7732, -20.7595

Rectangle

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



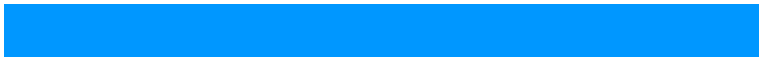
109.0530, -19.7461, 127.1185



124.8800, -61.5658, 53.6022



118.4810, 40.1889, -103.9078



117.7070, 67.6854, -103.2290

Sweetspot

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



109.0530, -19.7461, 127.1185



211.0480, -5.9397, 38.5459



121.7710, 65.1889, 91.4088



101.2310, -3.5649, 23.4764



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.



109.0530, -19.7461, 127.1185



79.7790, -24.0480, 153.6688



151.2880, -53.3860, 90.0784



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459

Inverse Universe

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



109.0530, -19.7461, 127.1185



79.7790, -24.0480, 153.6688



145.7120, 53.3860, -90.0784



119.0010, -1.4795, 7.8921



59.8450, -17.6716, 115.0229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 109.0530, -19.7461, 127.1185 looks on a white background.

Color Contrast Check

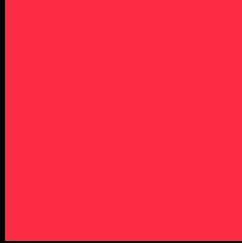
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.0530, -19.7461, 127.1185 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 109.0530, -19.7461, 127.1185 Background



This preview shows how black text looks on a background with the YUV color 109.0530, -19.7461, 127.1185.



This preview shows how white text looks on a background with the YUV color 109.0530, -19.7461, 127.1185.

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

109.0530, -19.7461, 127.1185

Protanopia

131.8150, -16.1778, 8.9322

Deuteranopia

129.6810, -36.3247, 30.9748



Tritanopia

109.1810, -30.6552, 126.1293

Trichromacy



Original Color

109.0530, -19.7461, 127.1185

Protanomaly

123.4490, -17.4764, 52.2262

Deuteranomaly

122.2090, -30.1760, 65.5917

Tritanomaly

108.9190, -26.5821, 126.3590

Monochromacy



Original Color

109.0530, -19.7461, 127.1185

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0490, -7.4192, 46.4380

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0530, -19.7461, 127.1185 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(254, 43, 69)` looks like.

```
.text, #text, p{  
    color:rgb(254, 43, 69)  
}
```

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(254, 43, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 43, 69) }
```

Border

The CSS property to change the border of an element to YUV 109.0530, -19.7461, 127.1185 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(254, 43, 69) }
```


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

```
.border{ border-color:rgb(254, 43, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 43, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 43, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 43, 69);  
box-shadow:4px 4px 4px 4px rgb(254, 43,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 109.0530, -19.7461, 127.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 43, 69) }
```

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

```
.background{ background-color: rgb(254, 43,  
69) }
```

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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