

Converting Colors

YUV(95.3150, -20.3683,
140.0437)

Have a look what the booklet for
YUV(95.3150, -20.3683, 140.0437)
contains.

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Color

**YUV(95.3150, -20.3683,
140.0437)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1636
RGB	255, 22, 54
RGB Percent	100%, 9%, 21%
CMY	0.0000, 0.9137, 0.7882
CMYK	0.00, 0.91, 0.79, 0.00
HSL	352°, 100%, 54%
HSV	352°, 91%, 100%
XYZ	42.1928, 22.1002, 5.5320
YIQ	95.3150, 128.5960, 59.3480

Conversions

Conversions Part 2

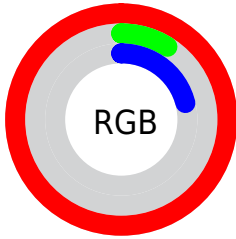
Format	Color
R_{YB}	255, 22, 54
Decimal	16717366
CIE _{Lab}	54.13, 79.12, 46.84
CIE _{LCh}	54, 91.949, 30.628
Yxy	22.1002, 0.6043, 0.3165
Android (android.graphics.Color)	4294907446 (0xFFFF1636)
YUV	95.3150, -20.3683, 140.0437
Hunter-Lab	47.0108, 77.9370, 25.9306

Details

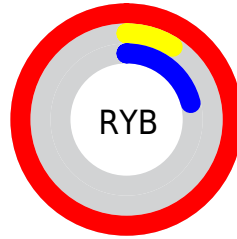
The YUV color **95.3150, -20.3683, 140.0437** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **181.6850, 20.3683, -140.0437**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7470, -22.5533, 94.0609**, and **57.4660, -22.9077, 114.4783** is the 20% darker color. If you saturate the color by 10%, you get **80.2350, -22.3009, 153.2689**, and if you desaturate by 10%, it is **113.0850, -18.2829, 124.4595**.

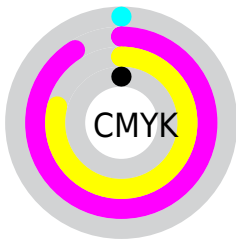
Distribution



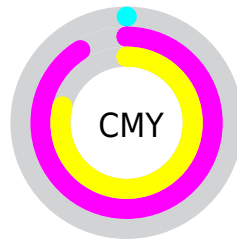
- Red (100%)
- Green (9%)
- Blue (21%)



- Red (100%)
- Yellow (9%)
- Blue (21%)



- Cyan (0%)
- Magenta (91%)
- Yellow (79%)
- Black (0%)





- Cyan (0%)
- Magenta (91%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.3150, -20.3683, 140.0437 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 95.3150, -20.3683, 140.0437 by changing the saturation by 10% instead.


 95.3150, -20.3683,
140.0437

 95.3150, -20.3683,
140.0437


255.0000, 0.0000,
0.0000

 70.0260, -18.7468,
133.2812


 147.7470,
-22.5533, 94.0609


 57.4660, -22.9077,
114.4783


 168.7940,
-20.6044, 75.6027


 46.6440, -22.9955,
95.9052


 189.9550,
-18.2188, 57.0445

 36.8910, -17.6943,
75.5176

 210.6430,
-15.1070, 38.9011

 27.5510, -12.1036,
55.6448

 231.4450,
-11.5584, 20.6577

 18.2820, -7.5340,
36.5867

 252.8340, -8.2992,

 6.8770, -3.3904,

1.8996

14.1399

■ 0.0000, 0.0000,
0.0000

■ 95.3150, -20.3683,
140.0437

■ 95.3150, -20.3683,
140.0437

■ 80.2350, -22.3009,
153.2689

■ 113.0850,
-18.2829, 124.4595

■ 130.2680,
-15.9081, 109.3900

■ 147.4510,
-13.5333, 94.3205

■ 165.2210,
-11.4480, 78.7362

■ 182.4040, -9.0732,
63.6667

200.1740, -6.9878,
48.0824

217.9440, -4.9024,
32.4981

235.1270, -2.5276,
17.4286

252.3100, -0.1528,
2.3591

Harmonies

Analogous

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



91.2930, 20.0686, 143.5710



95.3150, -20.3683, 140.0437



118.5880, -58.4639, 85.4303

Triad

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



95.3150, -20.3683, 140.0437



96.8330, -27.5257, -84.9225



111.2500, 70.8688, -97.5662

Complementary

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



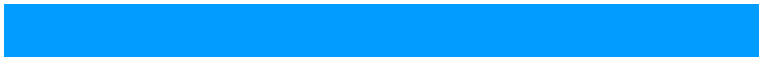
95.3150, -20.3683, 140.0437



181.6850, 20.3683, -140.0437

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.



121.2290, 65.9491, -106.3178



95.3150, -20.3683, 140.0437



109.2130, 9.7550, -95.7798

Square

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



95.3150, -20.3683, 140.0437



108.1160, -53.3012, -30.7967



118.9200, 44.4094, -104.2928



125.6660, 63.7617, -11.1081

Rectangle

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



95.3150, -20.3683, 140.0437



121.9010, -60.0972, 49.1988



118.9200, 44.4094, -104.2928



115.3590, 68.8430, -101.1698

Sweetspot

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



95.3150, -20.3683, 140.0437



207.7710, -5.8031, 41.4198



107.7640, 72.5873, 98.4310



99.8290, -3.8597, 24.7060



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.



95.3150, -20.3683, 140.0437



80.2350, -22.3009, 153.2689



139.8010, -58.0759, 101.0295



119.1150, -1.0427, 7.7921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Inverse Universe

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



95.3150, -20.3683, 140.0437



80.2350, -22.3009, 153.2689



137.1990, 58.0759, -101.0295



119.1150, -1.0427, 7.7921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 95.3150, -20.3683, 140.0437 looks on a white background.

Color Contrast Check

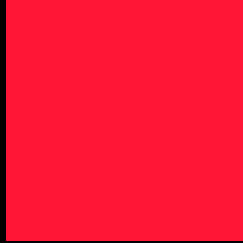
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.3150, -20.3683, 140.0437 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 95.3150, -20.3683, 140.0437

Background



This preview shows how black text looks on a background with the YUV color 95.3150, -20.3683, 140.0437.



This preview shows how white text looks on a background with the YUV color 95.3150, -20.3683,

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

95.3150, -20.3683, 140.0437

Protanopia

128.1160, -22.7352, 12.1763

Deuteranopia

125.1560, -43.4609, 33.1892



Tritanopia

96.1780, -36.0768, 138.4099

Trichromacy



Original Color

95.3150, -20.3683, 140.0437

Protanomaly

116.3420, -21.8606, 58.4591

Deuteranomaly

113.9880, -34.9971, 71.9245

Tritanomaly

95.6710, -30.4038, 138.8545

Monochromacy



Original Color

95.3150, -20.3683, 140.0437

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7830, -7.2880, 51.0563

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.3150, -20.3683, 140.0437 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, 22, 54)` looks like.

```
.text, #text, p{  
  color:rgb(255, 22, 54)  
}
```

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, 22, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 22, 54) }
```

Border

The CSS property to change the border of an element to YUV 95.3150, -20.3683, 140.0437 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, 22, 54) }
```


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

```
.border{ border-color:rgb(255, 22, 54) }
```

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

Here you see how a box with a 4 pixel rgb(255, 22, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 22, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 22, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 22,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 95.3150, -20.3683, 140.0437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 22, 54) }
```

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

```
.background{ background-color: rgb(255, 22,  
54) }
```

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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