

Converting Colors

YUV(97.5660, -24.4360,
138.0696)

Have a look what the booklet for
YUV(97.5660, -24.4360, 138.0696)
contains.

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Color

**YUV(97.5660, -24.4360,
138.0696)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1B30
RGB	255, 27, 48
RGB Percent	100%, 11%, 19%
CMY	0.0000, 0.8941, 0.8118
CMYK	0.00, 0.89, 0.81, 0.00
HSL	354°, 100%, 55%
HSV	354°, 89%, 100%
XYZ	42.1654, 22.2573, 4.8700
YIQ	97.5660, 129.1470, 54.8670

Conversions

Conversions Part 2

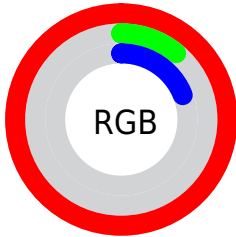
Format	Color
R_{YB}	255, 27, 48
Decimal	16718640
CIE _{Lab}	54.30, 78.32, 50.21
CIE _{LCh}	54, 93.037, 32.662
Yxy	22.2573, 0.6085, 0.3212
Android (android.graphics.Color)	4294908720 (0xFFFF1B30)
YUV	97.5660, -24.4360, 138.0696
Hunter-Lab	47.1776, 76.9753, 26.9040

Details

The YUV color **97.5660, -24.4360, 138.0696** 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 **184.4340, 24.4360, -138.0696**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2370, -25.7528, 93.6312**, and **56.5540, -26.4021, 115.2781** is the 20% darker color. If you saturate the color by 10%, you get **79.6820, -26.9582, 153.7539**, and if you desaturate by 10%, it is **114.8630, -21.6245, 122.9001**.

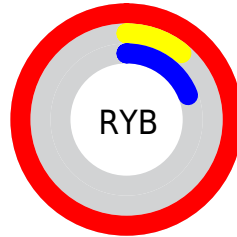
Distribution



Red (100%)

Green (11%)

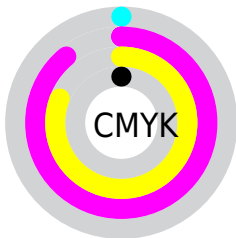
Blue (19%)



Red (100%)

Yellow (11%)

Blue (19%)

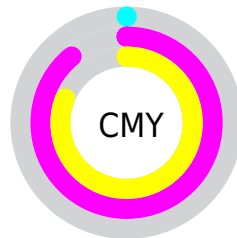


Cyan (0%)

Magenta (89%)

Yellow (81%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.5660, -24.4360, 138.0696 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 97.5660, -24.4360, 138.0696 by changing the saturation by 10% instead.


 97.5660, -24.4360,
138.0696

 97.5660, -24.4360,
138.0696


255.0000, 0.0000,
0.0000

 69.3420, -21.3676,
133.8811


 148.2370,
-25.7528, 93.6312


 56.5540, -26.4021,
115.2781


 169.2840,
-23.8040, 75.1729


 46.3450, -22.8481,
95.2904


 189.8580,
-21.1290, 57.1295

 36.8910, -17.6943,
75.5176

 210.5460,
-18.0172, 38.9862

 27.5510, -12.1036,
55.6448

 231.8210,
-15.1948, 20.3280

 18.2820, -7.5340,
36.5867

 252.0360,

 6.8770, -3.3904,

-11.3567, 2.5994

14.1399

■ 0.0000, 0.0000,
0.0000

■ 97.5660, -24.4360,
138.0696

■ 97.5660, -24.4360,
138.0696

■ 79.6820, -26.9582,
153.7539

■ 114.8630,
-21.6245, 122.9001

■ 78.8670, -27.5424,
154.4686

■ 132.7470,
-19.1023, 107.2159

■ 150.0440,
-16.2907, 92.0464

■ 168.0420,
-13.3317, 76.2622

■ 185.3390,
-10.5201, 61.0927

203.2230, -7.9979,
45.4084

220.5200, -5.1864,
30.2390

238.4040, -2.6642,
14.5547

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.



90.7230, 17.8846, 144.0709



97.5660, -24.4360, 138.0696



119.7510, -59.0372, 82.6564

Triad

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



97.5660, -24.4360, 138.0696



98.1040, -25.1943, -86.0372



110.6630, 71.1581, -97.0515

Complementary

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



97.5660, -24.4360, 138.0696



184.4340, 24.4360, -138.0696

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



97.5660, -24.4360, 138.0696



110.4840, 12.0864, -96.8945

Square

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



97.5660, -24.4360, 138.0696



106.5990, -52.5533, -37.3593



119.7180, 47.4670, -104.9927



127.4930, 62.8610, -2.1864

Rectangle

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



97.5660, -24.4360, 138.0696



122.7650, -60.5231, 45.8101



119.7180, 47.4670, -104.9927



115.3590, 68.8430, -101.1698

Sweetspot

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



97.5660, -24.4360, 138.0696



207.3150, -7.5503, 41.8197



114.2870, 69.3715, 103.2343



99.6010, -4.7333, 24.9059



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.



97.5660, -24.4360, 138.0696



78.8670, -27.5424, 154.4686



148.5890, -59.9434, 93.3224



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Inverse Universe

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



97.5660, -24.4360, 138.0696



78.8670, -27.5424, 154.4686



133.4110, 59.9434, -93.3224



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 97.5660, -24.4360, 138.0696 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 97.5660, -24.4360, 138.0696 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 97.5660, -24.4360, 138.0696

Background



This preview shows how black text looks on a background with the YUV color 97.5660, -24.4360, 138.0696.



This preview shows how white text looks on a background with the YUV color 97.5660, -24.4360,

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

97.5660, -24.4360, 138.0696

Protanopia

127.5030, -26.3770, 13.5909

Deuteranopia

124.9020, -48.2657, 34.2889



Tritanopia

97.4060, -35.2032, 138.2099

Trichromacy



Original Color

97.5660, -24.4360, 138.0696

Protanomaly

117.0170, -25.6444, 58.7441

Deuteranomaly

115.1360, -39.5070, 71.7947

Tritanomaly

97.7310, -31.4194, 137.9249

Monochromacy



Original Color

97.5660, -24.4360, 138.0696

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.7290, -8.7404, 50.2267

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.5660, -24.4360, 138.0696 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, 27, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 27, 48)  
}
```

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, 27, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 27, 48) }
```

Border

The CSS property to change the border of an element to YUV 97.5660, -24.4360, 138.0696 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, 27, 48) }
```


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

```
.border{ border-color:rgb(255, 27, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 27, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 27, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 27, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 27,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 97.5660, -24.4360, 138.0696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 27, 48) }
```

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

```
.background{ background-color: rgb(255, 27,  
48) }
```

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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