

Converting Colors

YUV(127.1430, -36.5525,
104.2376)

Have a look what the booklet for
YUV(127.1430, -36.5525, 104.2376)
contains.

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Color

**YUV(127.1430, -36.5525,
104.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	F65135
RGB	246, 81, 53
RGB Percent	96%, 32%, 21%
CMY	0.0353, 0.6824, 0.7922
CMYK	0.00, 0.67, 0.78, 0.04
HSL	9°, 91%, 59%
HSV	9°, 78%, 96%
XYZ	41.5911, 25.7347, 6.1434
YIQ	127.1430, 107.3280, 26.2720

Conversions

Conversions Part 2

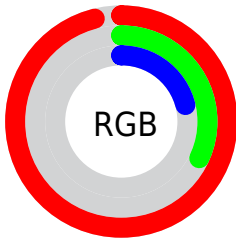
Format	Color
R_{YB}	246, 86, 53
Decimal	16142645
CIE _{Lab}	57.78, 61.56, 50.51
CIE _{LCh}	58, 79.628, 39.366
Yxy	25.7347, 0.5661, 0.3503
Android (android.graphics.Color)	4294332725 (0xFFFF65135)
YUV	127.1430, -36.5525, 104.2376
Hunter-Lab	50.7294, 57.5687, 28.3305

Details

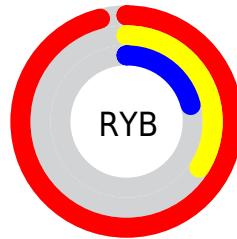
The YUV color **127.1430, -36.5525, 104.2376** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **171.8570, 36.5525, -104.2376**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8790, -32.9713, 75.5281**, and **56.9230, -26.0910, 108.8155** is the 20% darker color. If you saturate the color by 10%, you get **111.9660, -41.3952, 117.5478**, and if you desaturate by 10%, it is **142.3200, -31.7098, 90.9274**.

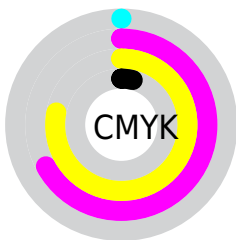
Distribution



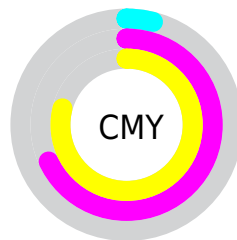
- Red (96%)
- Green (32%)
- Blue (21%)



- Red (96%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (78%)
- Black (4%)





- Cyan (4%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.1430, -36.5525, 104.2376 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 127.1430, -36.5525, 104.2376 by changing the saturation by 10% instead.


 127.1430,
-36.5525, 104.2376

 127.1430,
-36.5525, 104.2376


255.0000, 0.0000,
0.0000

 96.6420, -33.3475,
102.9230


 168.8790,
-32.9713, 75.5281


 56.9230, -26.0910,
108.8155


 188.8660,
-30.0069, 57.9995

 44.8500, -22.1110,
92.2166


 208.2660,
-26.7531, 40.9857

 35.2820, -17.3940,
72.5437

 228.9540,
-23.6413, 22.8423

 26.0130, -12.8244,
53.4856

 249.1690,
-19.8033, 5.1138

 17.8690, -7.8234,
36.0719

 253.0620, -7.4256,

 5.9800, -2.9481,

1.6996

12.2955

■ 0.0000, 0.0000,
0.0000

■ 127.1430,
-36.5525, 104.2376

■ 127.1430,
-36.5525, 104.2376

■ 111.9660,
-41.3952, 117.5478

■ 142.3200,
-31.7098, 90.9274

■ 96.9030, -45.8012,
130.7581

■ 157.3830,
-27.3038, 77.7171

■ 94.6860, -46.6802,
132.7024

■ 172.5600,
-22.4611, 64.4069

■ 187.6230,
-18.0551, 51.1966

■ 202.8000,
-13.2124, 37.8864

217.9770, -8.3697,
24.5762

233.0400, -3.9637,
11.3659

248.2170, 0.8790,
-1.9443

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



119.2750, 0.3574, 119.0308



127.1430, -36.5525, 104.2376



130.2730, -64.2246, 66.4126

Triad

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



127.1430, -36.5525, 104.2376



107.2460, -10.4743, -94.0547



111.8370, 70.5794, -98.0810

Complementary

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



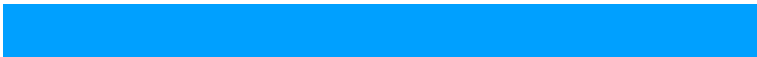
127.1430, -36.5525, 104.2376



171.8570, 36.5525, -104.2376

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.



122.9900, 65.0809, -107.8622



127.1430, -36.5525, 104.2376



117.4430, 20.9806, -102.9975

Square

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



127.1430, -36.5525, 104.2376



113.0780, -55.7475, -39.5334



124.3800, 50.0987, -109.0813



141.8890, 52.3127, 21.1453

Rectangle

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



127.1430, -36.5525, 104.2376



130.3630, -64.2690, 33.8846



124.3800, 50.0987, -109.0813



115.9460, 68.5536, -101.6846

Sweetspot

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



127.1430, -36.5525, 104.2376



217.5220, -11.5963, 32.8682



129.7450, 44.4957, 101.9556



104.9980, -6.9010, 20.1728



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.



127.1430, -36.5525, 104.2376



107.3050, -45.5064, 129.5285



182.3210, -63.7553, 55.8465



114.7620, -2.3477, 6.3477



71.4630, -35.2313, 100.4489



22.9240, -11.3015, 31.6387

Inverse Universe

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



171.8570, 36.5525, -104.2376



162.6950, 45.5064, -129.5285



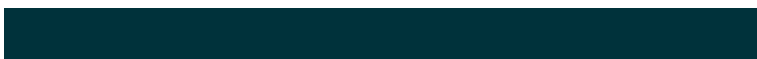
116.6790, 63.7553, -55.8465



117.8250, 2.0583, -6.8625



114.5370, 35.2313, -100.4489



36.0760, 11.3015, -31.6387

Previews

White Background



This preview shows how the YUV color 127.1430, -36.5525, 104.2376 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 127.1430, -36.5525, 104.2376 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 127.1430, -36.5525, 104.2376 Background



This preview shows how black text looks on a background with the YUV color 127.1430, -36.5525, 104.2376.



This preview shows how white text looks on a background with the YUV color 127.1430, -36.5525, 104.2376.

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

127.1430, -36.5525, 104.2376

Protanopia

135.6190, -32.3502, 16.1201

Deuteranopia

134.3690, -46.5239, 35.6334



Tritanopia

128.2860, -23.3120, 104.1122

Trichromacy



Original Color

127.1430, -36.5525, 104.2376

Protanomaly

132.4750, -33.7582, 47.8184

Deuteranomaly

131.5600, -42.6741, 60.8989

Tritanomaly

127.7330, -27.9694, 104.5972

Monochromacy



Original Color

127.1430, -36.5525, 104.2376

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.8000, -13.2124, 37.8864

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.1430, -36.5525, 104.2376 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(246, 81, 53)` looks like.

```
.text, #text, p{  
    color:rgb(246, 81, 53)  
}
```

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(246, 81, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 81, 53) }
```

Border

The CSS property to change the border of an element to YUV 127.1430, -36.5525, 104.2376 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(246, 81, 53) }
```


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

```
.border{ border-color:rgb(246, 81, 53) }
```

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

Here you see how a box with a 4 pixel rgb(246, 81, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 81, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 81, 53);  
box-shadow:4px 4px 4px 4px rgb(246, 81,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 127.1430, -36.5525, 104.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 81, 53) }
```

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

```
.background{ background-color: rgb(246, 81,  
53) }
```

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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