

Converting Colors

YUV(126.5230, -36.2468,
99.5193)

Have a look what the booklet for
YUV(126.5230, -36.2468, 99.5193)
contains.

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Color

**YUV(126.5230, -36.2468,
99.5193)**

Conversions

Conversions Part 1

Format	Color
Hex	F05335
RGB	240, 83, 53
RGB Percent	94%, 33%, 21%
CMY	0.0588, 0.6745, 0.7922
CMYK	0.00, 0.65, 0.78, 0.06
HSL	10°, 86%, 57%
HSV	10°, 78%, 94%
XYZ	39.6710, 24.9688, 6.0967
YIQ	126.5230, 103.2020, 23.9540

Conversions

Conversions Part 2

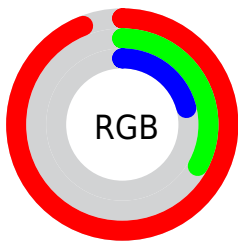
Format	Color
R_{YB}	240, 89, 53
Decimal	15749941
CIE _{Lab}	57.05, 58.82, 49.43
CIE _{LCh}	57, 76.825, 40.042
Yxy	24.9688, 0.5608, 0.3530
Android (android.graphics.Color)	4293940021 (0xFFFF05335)
YUV	126.5230, -36.2468, 99.5193
Hunter-Lab	49.9688, 54.2686, 27.7442

Details

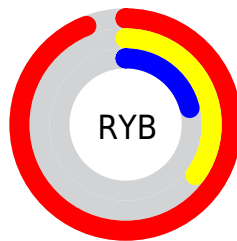
The YUV color **126.5230, -36.2468, 99.5193** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **166.4770, 36.2468, -99.5193**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4660, -33.2607, 75.0133**, and **61.8850, -28.5373, 100.0789** is the 20% darker color. If you saturate the color by 10%, you get **112.0470, -40.9422, 112.2148**, and if you desaturate by 10%, it is **140.9990, -31.5515, 86.8239**.

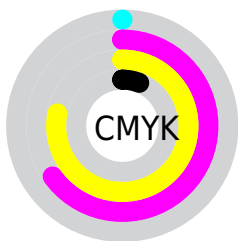
Distribution



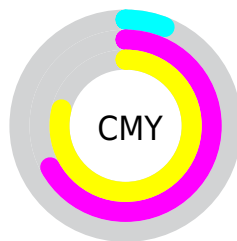
- Red (94%)
- Green (33%)
- Blue (21%)



- Red (94%)
- Yellow (35%)
- Blue (21%)



- Cyan (0%)
- Magenta (65%)
- Yellow (78%)
- Black (6%)





- Cyan (6%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.5230, -36.2468, 99.5193 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 126.5230, -36.2468, 99.5193 by changing the saturation by 10% instead.


 126.5230,
-36.2468, 99.5193


 126.5230,
-36.2468, 99.5193


255.0000, 0.0000,
0.0000

 96.6090, -33.3312,
97.6899


 169.4660,
-33.2607, 75.0133

 61.8850, -28.5373,
100.0789


 189.4530,
-30.2963, 57.4847

 43.0560, -21.2266,
88.5279


 208.8530,
-27.0425, 40.4709

 33.7870, -16.6570,
69.4698

 228.9540,
-23.6413, 22.8423

 24.8170, -12.2348,
51.0265

 249.7560,
-20.0927, 4.5990

 16.3740, -7.0864,
32.9980

 253.0620, -7.4256,

 2.3920, -1.1793,

1.6996

4.9182

■ 0.0000, 0.0000,
0.0000

■ 126.5230,
-36.2468, 99.5193

■ 126.5230,
-36.2468, 99.5193

■ 112.0470,
-40.9422, 112.2148

■ 140.9990,
-31.5515, 86.8239

■ 97.5710, -45.6375,
124.9102

■ 155.4750,
-26.8562, 74.1284

■ 94.6530, -46.6639,
127.4693

■ 169.9510,
-22.1608, 61.4330

■ 185.0140,
-17.7549, 48.2227

■ 199.4900,
-13.0596, 35.5273

■ 213.9660, -8.3642,
22.8318

■ 228.4420, -3.6689,
10.1364

■ 242.9180, 1.0264,
-2.5591

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



121.5690, -2.2525, 116.1420



126.5230, -36.2468, 99.5193



128.7780, -63.4876, 63.3387

Triad

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



126.5230, -36.2468, 99.5193



105.7130, -8.7325, -92.7103



110.0760, 71.4475, -96.5367

Complementary

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



126.5230, -36.2468, 99.5193



166.4770, 36.2468, -99.5193

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



126.5230, -36.2468, 99.5193



115.4540, 20.9752, -101.2532

Square

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



126.5230, -36.2468, 99.5193



111.8330, -54.1477, -39.3185



122.1630, 49.2196, -107.1370



139.9170, 49.8339, 22.8748

Rectangle

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



126.5230, -36.2468, 99.5193



127.9930, -63.1005, 32.4551



122.1630, 49.2196, -107.1370



114.7720, 69.1324, -100.6550

Sweetspot

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



126.5230, -36.2468, 99.5193



219.5110, -11.5909, 31.1239



127.0390, 41.8858, 99.0668



106.2860, -7.0430, 19.0432



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.



126.5230, -36.2468, 99.5193



109.6530, -46.6639, 127.4693



180.5270, -62.8708, 52.1578



112.7620, -2.3477, 6.3477



72.0390, -35.5152, 98.1898



22.0270, -10.8593, 29.7943

Inverse Universe

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



166.4770, 36.2468, -99.5193



160.9340, 46.3745, -127.9841



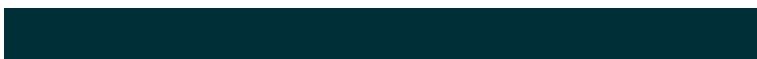
112.4730, 62.8708, -52.1578



115.2380, 2.3477, -6.3477



111.3740, 35.8046, -97.6750



33.9730, 10.8593, -29.7943

Previews

White Background



This preview shows how the YUV color 126.5230, -36.2468, 99.5193 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 126.5230, -36.2468, 99.5193 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 126.5230, -36.2468, 99.5193 Background



This preview shows how black text looks on a background with the YUV color 126.5230, -36.2468, 99.5193.



This preview shows how white text looks on a background with the YUV color 126.5230, -36.2468, 99.5193.

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

126.5230, -36.2468, 99.5193

Protanopia

133.7330, -31.9134, 16.0202

Deuteranopia

132.4120, -45.0661, 34.7187



Tritanopia

128.0080, -21.6959, 99.0940

Trichromacy



Original Color

126.5230, -36.2468, 99.5193

Protanomaly

130.8770, -33.4634, 46.5889

Deuteranomaly

130.3640, -42.0845, 58.4398

Tritanomaly

127.3410, -26.7901, 99.6789

Monochromacy



Original Color

126.5230, -36.2468, 99.5193

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7890, -13.2070, 36.1420

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.5230, -36.2468, 99.5193 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(240, 83, 53)` looks like.

```
.text, #text, p{  
    color:rgb(240, 83, 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(240, 83, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 83, 53) }
```

Border

The CSS property to change the border of an element to YUV 126.5230, -36.2468, 99.5193 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(240, 83, 53) }
```


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

```
.border{ border-color:rgb(240, 83, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 83, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 83, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 83, 53);  
box-shadow:4px 4px 4px 4px rgb(240, 83,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 126.5230, -36.2468, 99.5193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 83, 53) }
```

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

```
.background{ background-color: rgb(240, 83,  
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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