

Converting Colors

YUV(121.9740, -53.7242,
105.2628)

Have a look what the booklet for
YUV(121.9740, -53.7242, 105.2628)
contains.

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Color

**YUV(121.9740, -53.7242,
105.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	F2520D
RGB	242, 82, 13
RGB Percent	95%, 32%, 5%
CMY	0.0510, 0.6784, 0.9490
CMYK	0.00, 0.66, 0.95, 0.05
HSL	18°, 90%, 50%
HSV	18°, 95%, 95%
XYZ	39.7079, 24.9409, 3.1020
YIQ	121.9740, 117.5090, 12.4610

Conversions

Conversions Part 2

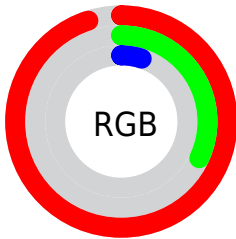
Format	Color
RYB	242, 112, 13
Decimal	15880717
CIELab	57.02, 59.05, 64.81
CIElCh	57, 87.675, 47.663
Yxy	24.9409, 0.5861, 0.3681
Android (android.graphics.Color)	4294070797 (0xFFFF2520D)
YUV	121.9740, -53.7242, 105.2628
Hunter-Lab	49.9409, 54.5285, 31.2759

Details

The YUV color **121.9740, -53.7242, 105.2628** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **133.0260, 53.7242, -105.2628**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.2310, -46.9489, 78.7274**, and **60.5540, -29.8531, 102.1231** is the 20% darker color. If you saturate the color by 10%, you get **115.2090, -56.7980, 111.1957**, and if you desaturate by 10%, it is **134.6890, -48.1607, 94.1117**.

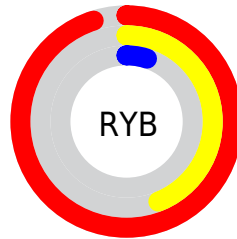
Distribution



Red (95%)

Green (32%)

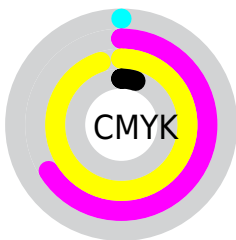
Blue (5%)



Red (95%)

Yellow (44%)

Blue (5%)

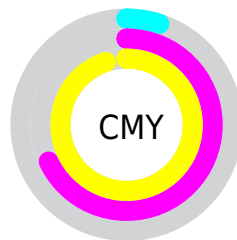


Cyan (0%)

Magenta (66%)

Yellow (95%)

Black (5%)



Cyan (5%)


Magenta (68%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.9740, -53.7242, 105.2628 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 121.9740, -53.7242, 105.2628 by changing the saturation by 10% instead.


 121.9740,
-53.7242, 105.2628


 121.9740,
-53.7242, 105.2628


255.0000, 0.0000,
0.0000

 93.0150, -45.8564,
101.7188


 165.2310,
-46.9489, 78.7274


 60.5540, -29.8531,
102.1231


 185.2180,
-43.9845, 61.1988

 43.3550, -21.3740,
89.1427


 204.7320,
-40.2939, 44.0850

 33.7870, -16.6570,
69.4698

 224.8330,
-36.8927, 26.4565

 24.8170, -12.2348,
51.0265

 245.5210,
-33.7809, 8.3131

 16.6730, -7.2338,
33.6128

 249.3000,


 2.3920, -1.1793,


-21.8399, 4.9989


4.9182


 252.6060, -9.1728,
2.0995


 0.0000, 0.0000,
0.0000


 121.9740,
-53.7242, 105.2628

 121.9740,
-53.7242, 105.2628


 115.2090,
-56.7980, 111.1957

 134.6890,
-48.1607, 94.1117

 147.4040,
-42.5972, 82.9607

 160.2330,
-36.5969, 71.7097

 172.9480,
-31.0334, 60.5586

 185.6630,
-25.4699, 49.4075

■ 197.7910,
-19.6170, 38.7713

■ 210.5060,
-14.0535, 27.6202

■ 223.3350, -8.0532,
16.3692

■ 236.0500, -2.4897,
5.2181

Harmonies

Analogous

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



100.1030, -2.0228, 135.8447



121.9740, -53.7242, 105.2628



129.0220, -63.6078, 55.2317

Triad

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



121.9740, -53.7242, 105.2628



109.5430, -4.2117, -96.0692



105.9670, 73.4733, -92.9331

Complementary

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



121.9740, -53.7242, 105.2628



133.0260, 53.7242, -105.2628

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.



120.6420, 66.2385, -105.8030



121.9740, -53.7242, 105.2628



119.8370, 30.1534, -105.0970

Square

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



121.9740, -53.7242, 105.2628



94.5070, -46.5920, -82.8826



125.9420, 61.1606, -110.4511



137.4240, 51.0630, 48.7402

Rectangle

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



121.9740, -53.7242, 105.2628



126.7310, -62.4784, 19.5299



125.9420, 61.1606, -110.4511



111.8370, 70.5794, -98.0810

Sweetspot

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



121.9740, -53.7242, 105.2628



217.5560, -16.5431, 32.8384



99.7110, 36.1315, 124.7875



104.7870, -10.2480, 20.3578



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.



121.9740, -53.7242, 105.2628



121.4440, -59.8719, 117.1286



188.8920, -86.7148, 46.5757



113.3490, -2.6371, 5.8329



87.3010, -43.0394, 84.8050



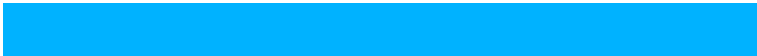
26.7230, -13.1744, 25.6759

Inverse Universe

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



133.0260, 53.7242, -105.2628



133.5560, 59.8719, -117.1286



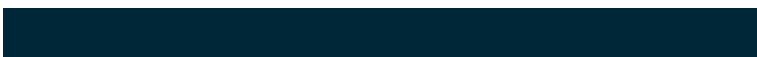
66.1080, 86.7148, -46.5757



114.0640, 2.9264, -5.3181



96.1120, 43.3288, -84.2902



29.2770, 13.1744, -25.6759

Previews

White Background



This preview shows how the YUV color 121.9740, -53.7242, 105.2628 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 121.9740, -53.7242, 105.2628 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 121.9740, -53.7242, 105.2628 Background



This preview shows how black text looks on a background with the YUV color 121.9740, -53.7242, 105.2628.



This preview shows how white text looks on a background with the YUV color 121.9740, -53.7242, 105.2628.

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

121.9740, -53.7242, 105.2628

Protanopia

130.3580, -49.9695, 20.7340

Tritanopia

126.6880, -23.0172, 102.8826

Trichromacy



Original Color

121.9740, -53.7242, 105.2628

Protanomaly

127.5020, -51.5195, 51.3027

Tritanomaly

124.8270, -33.9317, 103.6377

Monochromacy



Original Color

121.9740, -53.7242, 105.2628

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7910, -19.6170, 38.7713

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.9740, -53.7242, 105.2628 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(242, 82, 13)` looks like.

```
.text, #text, p{  
    color:rgb(242, 82, 13)  
}
```

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(242, 82, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 82, 13) }
```

Border

The CSS property to change the border of an element to YUV 121.9740, -53.7242, 105.2628 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(242, 82, 13) }
```

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

```
.border{ border-color:rgb(242, 82, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 82, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 82, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 82, 13);  
box-shadow:4px 4px 4px 4px rgb(242, 82,  
13) }
```


Background

The CSS property to change the background color of an element to YUV 121.9740, -53.7242, 105.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 82, 13) }
```

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

```
.background{ background-color: rgb(242, 82,  
13) }
```

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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