

Converting Colors

YUV(142.8230, -61.5377,
91.3632)

Have a look what the booklet for
YUV(142.8230, -61.5377, 91.3632)
contains.

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Color

**YUV(142.8230, -61.5377,
91.3632)**

Conversions

Conversions Part 1

Format	Color
Hex	F77212
RGB	247, 114, 18
RGB Percent	97%, 45%, 7%
CMY	0.0314, 0.5529, 0.9294
CMYK	0.00, 0.54, 0.93, 0.03
HSL	25°, 93%, 52%
HSV	25°, 93%, 97%
XYZ	44.4843, 31.8525, 4.3758
YIQ	142.8230, 110.0840, -1.6600

Conversions

Conversions Part 2

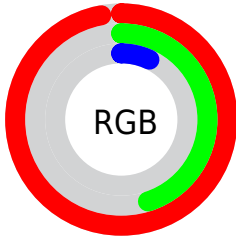
Format	Color
R_{YB}	247, 183, 18
Decimal	16216594
CIE _{Lab}	63.22, 46.73, 68.08
CIE _{LCh}	63, 82.578, 55.532
Yxy	31.8525, 0.5511, 0.3946
Android (android.graphics.Color)	4294406674 (0xFFFF77212)
YUV	142.8230, -61.5377, 91.3632
Hunter-Lab	56.4380, 41.9268, 34.9096

Details

The YUV color **142.8230, -61.5377, 91.3632** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **122.1770, 61.5377, -91.3632**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6390, -52.5730, 62.5836**, and **90.5240, -44.6283, 81.1015** is the 20% darker color. If you saturate the color by 10%, you get **134.9010, -66.5062, 98.3108**, and if you desaturate by 10%, it is **153.8910, -54.6693, 81.6566**.

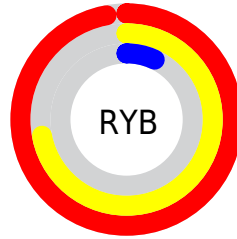
Distribution



Red (97%)

Green (45%)

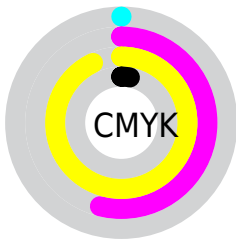
Blue (7%)



Red (97%)

Yellow (72%)

Blue (7%)

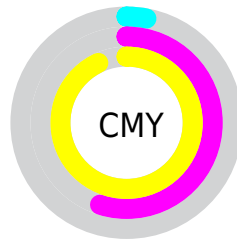


Cyan (0%)

Magenta (54%)

Yellow (93%)

Black (3%)



Cyan (3%)

Magenta (55%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8230, -61.5377, 91.3632 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 142.8230, -61.5377, 91.3632 by changing the saturation by 10% instead.

142.8230,
-61.5377, 91.3632

142.8230,
-61.5377, 91.3632

255.0000, 0.0000,
0.0000

115.9410,
-57.1589, 86.8747

183.6390,
-52.5730, 62.5836

90.5240, -44.6283,
81.1015

203.1530,
-48.8824, 45.4698

64.5200, -31.8084,
75.8430

223.2540,
-45.4812, 27.8412

35.8800, -17.6888,
73.7732

243.3550,
-42.0800, 10.2127

26.9100, -13.2666,
55.3299

247.1340,
-30.1391, 6.8985

18.6520, -8.7024,
38.0162

250.4400,

9.3830, -4.1328,

-17.4719, 3.9991

18.9581

253.7460, -4.8048,
1.0998

0.0000, 0.0000,
0.0000

142.8230,
-61.5377, 91.3632

142.8230,
-61.5377, 91.3632

134.9010,
-66.5062, 98.3108

153.8910,
-54.6693, 81.6566

165.4320,
-48.5270, 71.5351

176.5000,
-41.6585, 61.8285

187.5680,
-34.7900, 52.1219

199.2230,
-28.2109, 41.9004

210.1770,
-21.7793, 32.2938

221.2450,
-14.9108, 22.5871

232.9000, -8.3317,
12.3657

243.8540, -1.9000,
2.7590

Harmonies

Analogous

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



131.6870, -18.0867, 108.1455



142.8230, -61.5377, 91.3632



143.7080, -70.8480, 44.1061

Triad

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



142.8230, -61.5377, 91.3632



123.8540, 7.4670, -108.6200



146.5540, 53.4639, -21.5339

Complementary

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



142.8230, -61.5377, 91.3632



122.1770, 61.5377, -91.3632

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.



126.5120, 63.3446, -110.9510



142.8230, -61.5377, 91.3632



133.1050, 40.3742, -116.7331

Square

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



142.8230, -61.5377, 91.3632



112.1410, -24.7195, -98.3477



134.7300, 59.2931, -118.1582



154.1890, 40.8258, 65.6092

Rectangle

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



142.8230, -61.5377, 91.3632



139.0580, -68.5556, 8.7191



134.7300, 59.2931, -118.1582



123.7090, 64.7265, -87.4448

Sweetspot

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



142.8230, -61.5377, 91.3632



222.8390, -19.1476, 28.2052



101.7470, 24.7747, 127.3869



107.7220, -11.6949, 17.7838



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.



142.8230, -61.5377, 91.3632



139.0540, -68.5536, 101.6846



209.7410, -94.5283, 32.6761



116.5230, -3.2158, 4.8033



101.4000, -49.9902, 74.1942



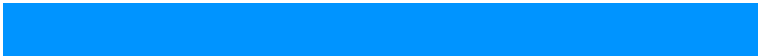
32.3160, -15.9318, 23.4019

Inverse Universe

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



122.1770, 61.5377, -91.3632



115.9460, 68.5536, -101.6846



55.2590, 94.5283, -32.6761



115.4770, 3.2158, -4.8033



84.6000, 49.9902, -74.1942



26.6840, 15.9318, -23.4019

Previews

White Background



This preview shows how the YUV color 142.8230, -61.5377, 91.3632 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 142.8230, -61.5377, 91.3632 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 142.8230, -61.5377, 91.3632

Background



This preview shows how black text looks on a background with the YUV color 142.8230, -61.5377, 91.3632.



This preview shows how white text looks on a background with the YUV color 142.8230, -61.5377, 91.3632.

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

142.8230, -61.5377, 91.3632

Protanopia

145.5450, -56.9637, 24.0780

Deuteranopia

143.7080, -70.8480, 44.1061



Tritanopia

149.8540, -18.1690, 87.8280

Trichromacy



Original Color

142.8230, -61.5377, 91.3632

Protanomaly

144.3570, -58.3500, 48.7989

Deuteranomaly

143.1430, -67.1185, 61.2646

Tritanomaly

147.3260, -34.1777, 89.1681

Monochromacy



Original Color

142.8230, -61.5377, 91.3632

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.7750, -22.0741, 33.5233

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8230, -61.5377, 91.3632 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(247, 114, 18)` looks like.

```
.text, #text, p{  
    color:rgb(247, 114, 18)  
}
```

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(247, 114, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 114, 18) }
```

Border

The CSS property to change the border of an element to YUV 142.8230, -61.5377, 91.3632 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(247, 114, 18) }
```


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

```
.border{ border-color:rgb(247, 114, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 114, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 114, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 114, 18);  
box-shadow:4px 4px 4px 4px rgb(247, 114,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 142.8230, -61.5377, 91.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 114, 18) }
```

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

```
.background{ background-color: rgb(247,  
114, 18) }
```

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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