

Converting Colors

YUV(112.0520, -55.2416,
125.3654)

Have a look what the booklet for
YUV(112.0520, -55.2416, 125.3654)
contains.

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Color

**YUV(112.0520, -55.2416,
125.3654)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3D00
RGB	255, 61, 0
RGB Percent	100%, 24%, 0%
CMY	0.0000, 0.7608, 1.0000
CMYK	0.00, 0.76, 1.00, 0.00
HSL	14°, 100%, 50%
HSV	14°, 100%, 100%
XYZ	42.9087, 24.5975, 2.4862
YIQ	112.0520, 135.2050, 22.1570

Conversions

Conversions Part 2

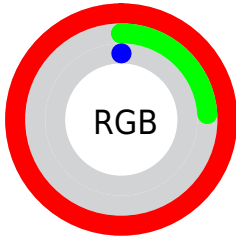
Format	Color
RYB	255, 80, 0
Decimal	16727296
CIELab	56.68, 70.28, 68.57
CIELCh	57, 98.194, 44.293
Yxy	24.5975, 0.6130, 0.3514
Android (android.graphics.Color)	4294917376 (0xFFFF3D00)
YUV	112.0520, -55.2416, 125.3654
Hunter-Lab	49.5959, 67.6397, 31.7449

Details

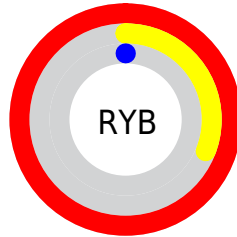
The YUV color **112.0520, -55.2416, 125.3654** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **142.9480, 55.2416, -125.3654**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6280, -45.6656, 87.1492**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **112.0520, -55.2416, 125.3654**, and if you desaturate by 10%, it is **126.0550, -49.8201, 113.0848**.

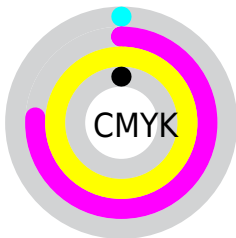
Distribution



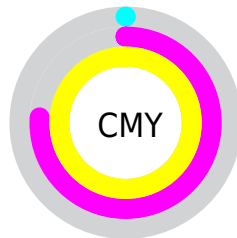
- Red (100%)
- Green (24%)
- Blue (0%)



- Red (100%)
- Yellow (31%)
- Blue (0%)



- Cyan (0%)
- Magenta (76%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.0520, -55.2416, 125.3654 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 112.0520, -55.2416, 125.3654 by changing the saturation by 10% instead.


 112.0520,
-55.2416, 125.3654


 112.0520,
-55.2416, 125.3654


255.0000, 0.0000,
0.0000


 76.0580, -37.4966,
127.1141


 155.6280,
-45.6656, 87.1492


 56.2120, -27.7125,
115.5781


 175.6150,
-42.7012, 69.6206


 46.3450, -22.8481,
95.2904


 195.6020,
-39.7368, 52.0920

 36.7770, -18.1311,
75.6176

 216.2900,
-36.6250, 33.9487

 27.4370, -12.5404,
55.7448

 236.9780,
-33.5132, 15.8053


 18.8800, -7.8288,
37.8162

 248.3880,


 7.8880, -3.3958,


-25.3343, 5.7987


15.8842

 251.6940,
-12.6671, 2.8994


 0.0000, 0.0000,
0.0000

 112.0520,
-55.2416, 125.3654

 126.0550,
-49.8201, 113.0848

 140.7590,
-44.2512, 100.1894

 154.8760,
-38.3929, 87.8087

 169.4660,
-33.2607, 75.0133

 183.5830,
-27.4024, 62.6327

197.5860,
-21.9809, 50.3521

212.2900,
-16.4120, 37.4567

226.2930,
-10.9904, 25.1760

240.9970, -5.4215,
12.2806

Harmonies

Analogous

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



87.6450, 6.0910, 146.7703



112.0520, -55.2416, 125.3654



127.9030, -63.0562, 64.9831

Triad

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



112.0520, -55.2416, 125.3654



108.4200, -11.0531, -95.0843



107.7280, 72.6051, -94.4775

Complementary

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



112.0520, -55.2416, 125.3654



142.9480, 55.2416, -125.3654

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.



122.4030, 65.3703, -107.3474



112.0520, -55.2416, 125.3654



119.8540, 27.6800, -105.1120

Square

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



112.0520, -55.2416, 125.3654



94.5070, -46.5920, -82.8826



128.2730, 62.4764, -112.4954



134.8670, 59.2256, 43.9666

Rectangle

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



112.0520, -55.2416, 125.3654



126.7640, -62.4947, 24.7630



128.2730, 62.4764, -112.4954



114.1850, 69.4218, -100.1402

Sweetspot

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



112.0520, -55.2416, 125.3654



212.2900, -16.4120, 37.4567



98.4750, 47.5868, 137.2724



102.2110, -9.9640, 22.6170



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.



112.0520, -55.2416, 125.3654



186.0140, -91.7049, 60.5007



120.6480, -2.7845, 6.4477



84.1110, -41.4667, 93.7417



27.9410, -13.7749, 31.6237

Inverse Universe

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



142.9480, 55.2416, -125.3654



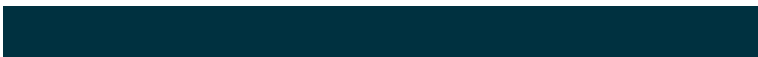
68.9860, 91.7049, -60.5007



121.7650, 3.0739, -5.9329



107.4760, 41.1773, -94.2565



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 112.0520, -55.2416, 125.3654 looks on a white background.

Color Contrast Check

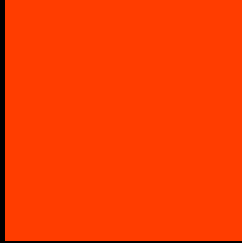
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.0520, -55.2416, 125.3654 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 112.0520, -55.2416, 125.3654 Background



This preview shows how black text looks on a background with the YUV color 112.0520, -55.2416, 125.3654.



This preview shows how white text looks on a background with the YUV color 112.0520, -55.2416, 125.3654.

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

112.0520, -55.2416, 125.3654

Protanopia

129.5860, -49.0959, 20.5341

Deuteranopia

127.7380, -62.9748, 38.8178



Tritanopia

117.0170, -28.6024, 121.0111

Trichromacy



Original Color

112.0520, -55.2416, 125.3654

Protanomaly

122.9590, -51.2518, 58.7950

Deuteranomaly

122.0330, -60.1623, 70.1311

Tritanomaly

115.2100, -38.0645, 122.5958

Monochromacy



Original Color

112.0520, -55.2416, 125.3654

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7210, -20.0755, 45.8487

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0520, -55.2416, 125.3654 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, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 61, 0)  
}
```

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, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 61, 0) }
```

Border

The CSS property to change the border of an element to YUV 112.0520, -55.2416, 125.3654 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, 61, 0) }
```

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

```
.border{ border-color:rgb(255, 61, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 61, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 61, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 61, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 61, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 112.0520, -55.2416, 125.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 61, 0) }
```

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

```
.background{ background-color: rgb(255, 61,  
0) }
```

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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