

Converting Colors

YUV(139.8520, -68.9470,
87.8298)

Have a look what the booklet for
YUV(139.8520, -68.9470, 87.8298)
contains.

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Color

**YUV(139.8520, -68.9470,
87.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	F07400
RGB	240, 116, 0
RGB Percent	94%, 45%, 0%
CMY	0.0588, 0.5451, 1.0000
CMYK	0.00, 0.52, 1.00, 0.06
HSL	29°, 100%, 47%
HSV	29°, 100%, 94%
XYZ	42.1806, 31.0160, 3.7635
YIQ	139.8520, 111.1400, -9.7880

Conversions

Conversions Part 2

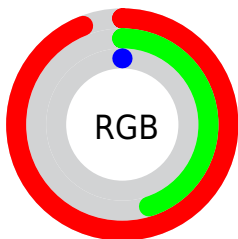
Format	Color
R_{YB}	240, 225, 0
Decimal	15758336
CIE _{Lab}	62.52, 42.93, 70.23
CIE _{LCh}	63, 82.314, 58.565
Yxy	31.0160, 0.5481, 0.4030
Android (android.graphics.Color)	4293948416 (0xFFFF07400)
YUV	139.8520, -68.9470, 87.8298
Hunter-Lab	55.6921, 37.7329, 34.9778

Details

The YUV color **139.8520, -68.9470, 87.8298** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **100.1480, 68.9470, -87.8298**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0150, -56.2094, 62.2538**, and **90.1920, -44.4647, 75.2536** is the 20% darker color. If you saturate the color by 10%, you get **139.8520, -68.9470, 87.8298**, and if you desaturate by 10%, it is **149.6320, -61.9366, 79.2527**.

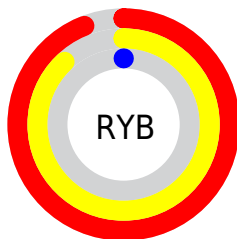
Distribution



Red (94%)

Green (45%)

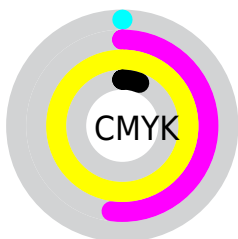
Blue (0%)



Red (94%)

Yellow (88%)

Blue (0%)

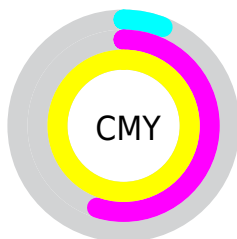


Cyan (0%)

Magenta (52%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.8520, -68.9470, 87.8298 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 139.8520, -68.9470, 87.8298 by changing the saturation by 10% instead.

139.8520,
-68.9470, 87.8298

139.8520,
-68.9470, 87.8298

255.0000, 0.0000,
0.0000

115.0220,
-56.7058, 81.5417

184.0150,
-56.2094, 62.2538

90.1920, -44.4647,
75.2536

203.5290,
-52.5188, 45.1401

65.6610, -32.3709,
69.5803

223.0430,
-48.8282, 28.0263

37.0210, -18.2514,
67.5106

243.1440,
-45.4270, 10.3977

25.1160, -12.3822,
51.6413

246.3360,
-33.1966, 7.5983


17.1570, -7.9654,
34.9423


249.6420,

6.8770, -3.3904,

-20.5295, 4.6990

14.1399


 252.9480, -7.8624,
1.7996


 0.0000, 0.0000,
0.0000

 139.8520,
-68.9470, 87.8298

 149.6320,
-61.9366, 79.2527

 159.9990,
-55.2155, 70.1609

 169.7790,
-48.2050, 61.5838

 180.1460,
-41.4840, 52.4920

 189.9260,
-34.4735, 43.9149

■ 199.7060,
-27.4631, 35.3378

■ 210.0730,
-20.7420, 26.2460

■ 219.8530,
-13.7315, 17.6689

■ 230.2200, -7.0105,
8.5771

Harmonies

Analogous

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



131.8350, -22.5967, 108.0157



139.8520, -68.9470, 87.8298



141.6040, -69.8108, 38.0583

Triad

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



139.8520, -68.9470, 87.8298



123.9510, 10.3772, -108.7050



147.8050, 52.8471, -10.3530

Complementary

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



139.8520, -68.9470, 87.8298



100.1480, 68.9470, -87.8298

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.



124.1640, 64.5021, -108.8918



139.8520, -68.9470, 87.8298



132.5010, 43.1370, -116.2034

Square

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



139.8520, -68.9470, 87.8298



112.2380, -21.8093, -98.4327



132.9690, 60.1613, -116.6138



151.2500, 38.3308, 72.5717

Rectangle

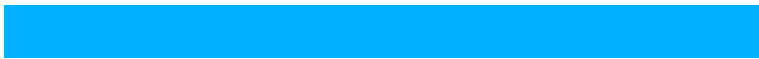
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



139.8520, -68.9470, 87.8298



136.3670, -67.2289, 3.1861



132.9690, 60.1613, -116.6138



133.9300, 59.6875, -57.8206

Sweetspot

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



139.8520, -68.9470, 87.8298



222.8560, -21.6210, 28.1903



85.8960, 18.7853, 135.1492



108.6680, -13.1473, 16.9542



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.



139.8520, -68.9470, 87.8298



148.4460, -73.1839, 93.4479



210.2920, -103.6740, 26.0539



115.1100, -3.5052, 4.2885



107.2590, -52.8787, 67.3019



32.5930, -16.0683, 20.5279

Inverse Universe

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



100.1480, 68.9470, -87.8298



106.5540, 73.1839, -93.4479



29.7080, 103.6740, -26.0539



112.8900, 3.5052, -4.2885



76.7410, 52.8787, -67.3019



23.4070, 16.0683, -20.5279

Previews

White Background



This preview shows how the YUV color 139.8520, -68.9470, 87.8298 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 139.8520, -68.9470, 87.8298 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 139.8520, -68.9470, 87.8298

Background



This preview shows how black text looks on a background with the YUV color 139.8520, -68.9470, 87.8298.



This preview shows how white text looks on a background with the YUV color 139.8520, -68.9470,

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

139.8520, -68.9470, 87.8298

Protanopia

142.7470, -60.0213, 24.7779

Deuteranopia

141.9360, -69.9744, 43.9061



Tritanopia

149.1630, -16.8424, 82.2950

Trichromacy



Original Color

139.8520, -68.9470, 87.8298

Protanomaly

141.6790, -63.4387, 47.6395

Deuteranomaly

141.1490, -69.5865, 59.5053

Tritanomaly

145.8370, -35.9086, 84.3350

Monochromacy



Original Color

139.8520, -68.9470, 87.8298

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.6670, -24.9788, 31.8640

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.8520, -68.9470, 87.8298 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, 116, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 116, 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(240, 116, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 116, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.8520, -68.9470, 87.8298 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, 116, 0) }
```


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

```
.border{ border-color:rgb(240, 116, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 116, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 116, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 116, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 116,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 139.8520, -68.9470, 87.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 116, 0) }
```

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

```
.background{ background-color: rgb(240,  
116, 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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