

Converting Colors

YUV(135.7640, -62.0017,
100.1850)

Have a look what the booklet for
YUV(135.7640, -62.0017, 100.1850)
contains.

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Color

**YUV(135.7640, -62.0017,
100.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	FA660A
RGB	250, 102, 10
RGB Percent	98%, 40%, 4%
CMY	0.0196, 0.6000, 0.9608
CMYK	0.00, 0.59, 0.96, 0.02
HSL	23°, 96%, 51%
HSV	23°, 96%, 98%
XYZ	44.2305, 29.8487, 3.7173
YIQ	135.7640, 117.7400, 2.7640

Conversions

Conversions Part 2

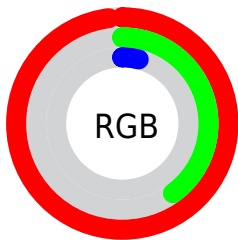
Format	Color
R_{YB}	250, 159, 10
Decimal	16410122
CIE Lab	61.52, 53.31, 68.78
CIE LCh	62, 87.021, 52.221
Yxy	29.8487, 0.5685, 0.3837
Android (android.graphics.Color)	4294600202 (0xFFFA660A)
YUV	135.7640, -62.0017, 100.1850
Hunter-Lab	54.6339, 48.9006, 34.2096

Details

The YUV color **135.7640, -62.0017, 100.1850** 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 **124.2360, 62.0017, -100.1850**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6120, -51.5737, 68.7463**, and **82.3170, -40.5823, 90.0530** is the 20% darker color. If you saturate the color by 10%, you get **131.1020, -64.6333, 104.2735**, and if you desaturate by 10%, it is **147.4190, -55.4226, 89.9635**.

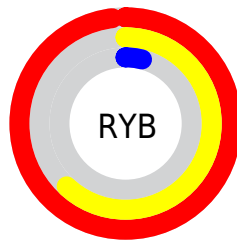
Distribution



Red (98%)

Green (40%)

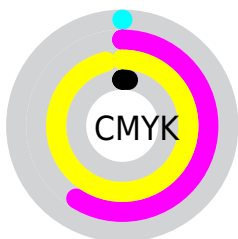
Blue (4%)



Red (98%)

Yellow (62%)

Blue (4%)

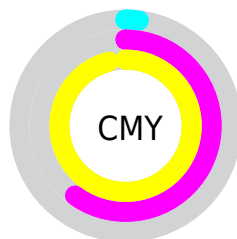


Cyan (0%)

Magenta (59%)

Yellow (96%)

Black (2%)



Cyan (2%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.7640, -62.0017, 100.1850 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 135.7640, -62.0017, 100.1850 by changing the saturation by 10% instead.

135.7640,
-62.0017, 100.1850

135.7640,
-62.0017, 100.1850

255.0000, 0.0000,
0.0000

108.9080,
-53.6916, 94.7967

176.6120,
-51.5737, 68.7463

82.3170, -40.5823,
90.0530

196.1260,
-47.8831, 51.6325

49.8560, -24.5790,
90.4573

216.2270,
-44.4819, 34.0039

36.4780, -17.9837,
75.0028

236.3280,
-41.0807, 16.3753

27.2090, -13.4140,
55.9447

246.5640,
-32.3231, 7.3984

19.0650, -8.4130,
38.5310

249.7560,


9.0840, -3.9854,

-20.0927, 4.5990


18.3433


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 135.7640,
-62.0017, 100.1850


 135.7640,
-62.0017, 100.1850


 131.1020,
-64.6333, 104.2735

 147.4190,
-55.4226, 89.9635

 159.6610,
-49.1329, 79.2273

 171.3160,
-42.5538, 69.0059

 183.5580,
-36.2641, 58.2696

 195.2130,
-29.6850, 48.0482

■ 206.8680,
-23.1059, 37.8268

■ 219.1100,
-16.8162, 27.0905

■ 230.7650,
-10.2371, 16.8691

■ 243.0070, -3.9475,
6.1329

Harmonies

Analogous

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



120.0610, -11.8621, 118.3415



135.7640, -62.0017, 100.1850



139.6100, -68.8277, 49.4540

Triad

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



135.7640, -62.0017, 100.1850



119.9100, 2.5094, -105.1611



135.2030, 59.0599, -43.1510

Complementary

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



135.7640, -62.0017, 100.1850



124.2360, 62.0017, -100.1850

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.



125.3380, 63.9234, -109.9214



135.7640, -62.0017, 100.1850



130.2040, 36.8744, -114.1889

Square

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



135.7640, -62.0017, 100.1850



106.6980, -32.8821, -93.5741



133.5560, 59.8719, -117.1286



149.0620, 46.8044, 61.3356

Rectangle

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



135.7640, -62.0017, 100.1850



136.1340, -67.1141, 13.0375



133.5560, 59.8719, -117.1286



115.9460, 68.5536, -101.6846

Sweetspot

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



135.7640, -62.0017, 100.1850



219.5620, -19.0111, 31.0791



98.6320, 29.2684, 132.7497



106.4340, -11.5530, 18.9134



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.



135.7640, -62.0017, 100.1850



133.7710, -65.9491, 106.3178



206.2040, -96.7286, 38.4091



118.8220, -3.3632, 5.4181



98.7750, -48.6961, 79.1273



31.7400, -15.6478, 25.6610

Inverse Universe

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



124.2360, 62.0017, -100.1850



121.2290, 65.9491, -106.3178



53.7960, 96.7286, -38.4091



118.1780, 3.3632, -5.4181



89.6380, 48.9855, -78.6125



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 135.7640, -62.0017, 100.1850 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 135.7640, -62.0017, 100.1850 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 135.7640, -62.0017, 100.1850 Background



This preview shows how black text looks on a background with the YUV color 135.7640, -62.0017, 100.1850.



This preview shows how white text looks on a background with the YUV color 135.7640, -62.0017, 100.1850.

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

135.7640, -62.0017, 100.1850

Protanopia

140.7730, -56.0901, 23.8781

Deuteranopia

138.9790, -68.5166, 42.9914



Tritanopia

142.6270, -20.5221, 95.9201

Trichromacy



Original Color

135.7640, -62.0017, 100.1850

Protanomaly

139.0800, -58.2134, 51.6728

Deuteranomaly

138.0940, -66.1083, 63.9386

Tritanomaly

140.3270, -35.6572, 97.0602

Monochromacy



Original Color

135.7640, -62.0017, 100.1850

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9710, -22.6637, 35.9824

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.7640, -62.0017, 100.1850 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(250, 102, 10)` looks like.

```
.text, #text, p{  
    color:rgb(250, 102, 10)  
}
```

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(250, 102, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 102, 10) }
```

Border

The CSS property to change the border of an element to YUV 135.7640, -62.0017, 100.1850 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(250, 102, 10) }
```


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

```
.border{ border-color:rgb(250, 102, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 102, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 102, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 102, 10);  
box-shadow:4px 4px 4px 4px rgb(250, 102,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 135.7640, -62.0017, 100.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 102, 10) }
```

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

```
.background{ background-color: rgb(250,  
102, 10) }
```

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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