

Converting Colors

YUV(114.0390, -48.8262,
120.9918)

Have a look what the booklet for
YUV(114.0390, -48.8262, 120.9918)
contains.

YUV(114.0390, -48.8262, 120.9918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.0390, -48.8262,
120.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	FC3F0F
RGB	252, 63, 15
RGB Percent	99%, 25%, 6%
CMY	0.0118, 0.7529, 0.9412
CMYK	0.00, 0.75, 0.94, 0.01
HSL	12°, 98%, 52%
HSV	12°, 94%, 99%
XYZ	42.0086, 24.2850, 2.9253
YIQ	114.0390, 128.0520, 25.1400

Conversions

Conversions Part 2

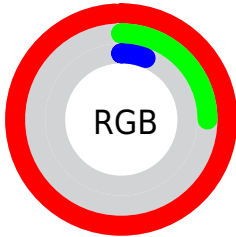
Format	Color
R_{YB}	252, 75, 15
Decimal	16531215
CIE Lab	56.37, 68.92, 64.88
CIE LCh	56, 94.650, 43.271
Yxy	24.2850, 0.6069, 0.3508
Android (android.graphics.Color)	4294721295 (0xFFFC3F0F)
YUV	114.0390, -48.8262, 120.9918
Hunter-Lab	49.2798, 65.9230, 30.9763

Details

The YUV color **114.0390, -48.8262, 120.9918** 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 **152.9610, 48.8262, -120.9918**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0130, -42.8974, 85.9346**, and **55.6140, -27.4177, 114.3485** is the 20% darker color. If you saturate the color by 10%, you get **105.2850, -51.9055, 128.6691**, and if you desaturate by 10%, it is **128.6290, -43.6941, 108.1964**.

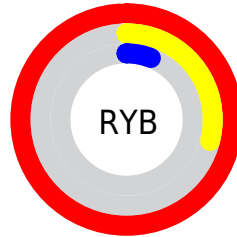
Distribution



Red (99%)

Green (25%)

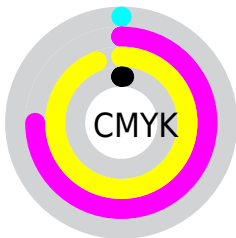
Blue (6%)



Red (99%)

Yellow (29%)

Blue (6%)

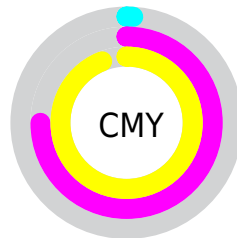


Cyan (0%)

Magenta (75%)

Yellow (94%)

Black (1%)



Cyan (1%)

Magenta (75%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0390, -48.8262, 120.9918 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 114.0390, -48.8262, 120.9918 by changing the saturation by 10% instead.

114.0390,
-48.8262, 120.9918

114.0390,
-48.8262, 120.9918

255.0000, 0.0000,
0.0000

78.3950, -38.6487,
123.3106

157.0130,
-42.8974, 85.9346

55.6140, -27.4177,
114.3485

177.0000,
-39.9330, 68.4060

45.7470, -22.5533,
94.0609

196.9870,
-36.9686, 50.8774

36.1790, -17.8362,
74.3880

217.6750,
-33.8568, 32.7340

26.8390, -12.2456,
54.5152

238.3630,
-30.7450, 14.5906

18.2820, -7.5340,
36.5867

249.1860,


6.5780, -3.2430,

-22.2767, 5.0989


13.5251


 252.4920, -9.6096,
2.1995


 0.0000, 0.0000,
0.0000


 114.0390,
-48.8262, 120.9918


 114.0390,
-48.8262, 120.9918


 105.2850,
-51.9055, 128.6691

 128.6290,
-43.6941, 108.1964

 143.2190,
-38.5620, 95.4009

 157.9230,
-32.9930, 82.5055

 172.5130,
-27.8609, 69.7101

 187.1030,
-22.7288, 56.9147

■ 202.2800,
-17.8860, 43.6044

■ 216.8700,
-12.7539, 30.8090

■ 231.5740, -7.1850,
17.9136

■ 246.1640, -2.0529,
5.1182

Harmonies

Analogous

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



87.9870, 7.4014, 146.4704



114.0390, -48.8262, 120.9918



127.0170, -62.6194, 64.8831

Triad

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



114.0390, -48.8262, 120.9918



107.0180, -11.3479, -93.8548



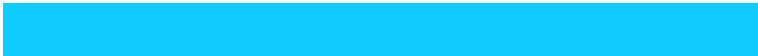
107.7280, 72.6051, -94.4775

Complementary

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



114.0390, -48.8262, 120.9918



152.9610, 48.8262, -120.9918

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.



121.8160, 65.6597, -106.8326



114.0390, -48.8262, 120.9918



118.6970, 25.7854, -104.0973

Square

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



114.0390, -48.8262, 120.9918



93.3330, -46.0132, -81.8530



126.3010, 59.9976, -110.7660



135.4210, 58.9524, 38.2188

Rectangle

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



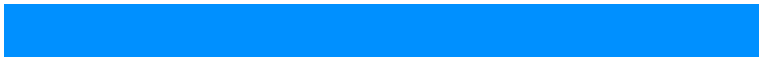
114.0390, -48.8262, 120.9918



126.1880, -62.2107, 27.0221



126.3010, 59.9976, -110.7660



113.5980, 69.7112, -99.6254

Sweetspot

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



114.0390, -48.8262, 120.9918



213.4470, -14.5174, 36.4420



107.5230, 48.0562, 126.7063



102.4390, -9.0904, 22.4170



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.



114.0390, -48.8262, 120.9918



106.7690, -52.6371, 129.9986



183.3050, -82.9744, 60.2455



117.6480, -2.7845, 6.4477



78.8170, -38.8568, 96.6305



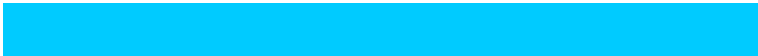
25.2830, -12.4645, 31.3238

Inverse Universe

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



152.9610, 48.8262, -120.9918



148.2310, 52.6371, -129.9986



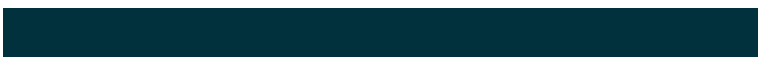
83.6950, 82.9744, -60.2455



119.3520, 2.7845, -6.4477



109.5960, 39.1462, -96.1157



35.7170, 12.4645, -31.3238

Previews

White Background



This preview shows how the YUV color 114.0390, -48.8262, 120.9918 looks on a white background.

Color Contrast Check

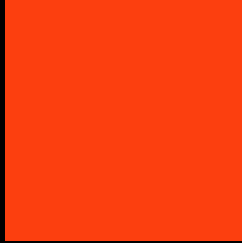
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0390, -48.8262, 120.9918 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 114.0390, -48.8262, 120.9918 Background



This preview shows how black text looks on a background with the YUV color 114.0390, -48.8262, 120.9918.



This preview shows how white text looks on a background with the YUV color 114.0390, -48.8262, 120.9918.

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

114.0390, -48.8262, 120.9918

Protanopia

129.1560, -46.9119, 20.0342

Deuteranopia

126.8520, -62.5380, 38.7178



Tritanopia

117.1200, -28.1602, 119.1668

Trichromacy



Original Color

114.0390, -48.8262, 120.9918

Protanomaly

123.2730, -47.4626, 56.7656

Deuteranomaly

122.0050, -57.6835, 68.4016

Tritanomaly

115.8830, -35.4383, 120.2516

Monochromacy



Original Color

114.0390, -48.8262, 120.9918

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6930, -17.5966, 44.1192

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0390, -48.8262, 120.9918 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(252, 63, 15)` looks like.

```
.text, #text, p{  
    color:rgb(252, 63, 15)  
}
```

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(252, 63, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 63, 15) }
```

Border

The CSS property to change the border of an element to YUV 114.0390, -48.8262, 120.9918 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(252, 63, 15) }
```


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

```
.border{ border-color:rgb(252, 63, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 63, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 63, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 63, 15);  
box-shadow:4px 4px 4px 4px rgb(252, 63,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 114.0390, -48.8262, 120.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 63, 15) }
```

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

```
.background{ background-color: rgb(252, 63,  
15) }
```

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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