

Converting Colors

YUV(100.4720, -38.6867,
135.5211)

Have a look what the booklet for
YUV(100.4720, -38.6867, 135.5211)
contains.

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Color

**YUV(100.4720, -38.6867,
135.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2516
RGB	255, 37, 22
RGB Percent	100%, 15%, 9%
CMY	0.0000, 0.8549, 0.9137
CMYK	0.00, 0.85, 0.91, 0.00
HSL	4°, 100%, 54%
HSV	4°, 91%, 100%
XYZ	42.0464, 22.6411, 2.9131
YIQ	100.4720, 134.7430, 41.5510

Conversions

Conversions Part 2

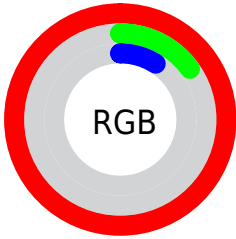
Format	Color
R_{YB}	255, 38, 22
Decimal	16721174
CIE _{Lab}	54.70, 76.23, 62.08
CIE _{LCh}	55, 98.313, 39.157
Yxy	22.6411, 0.6220, 0.3349
Android (android.graphics.Color)	4294911254 (0xFFFF2516)
YUV	100.4720, -38.6867, 135.5211
Hunter-Lab	47.5826, 74.4619, 29.6780

Details

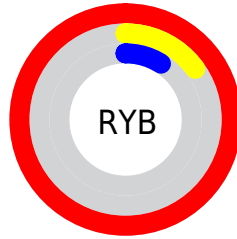
The YUV color **100.4720, -38.6867, 135.5211** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **176.5280, 38.6867, -135.5211**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9630, -36.9568, 93.8714**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **85.6370, -42.2190, 148.5314**, and if you desaturate by 10%, it is **117.5240, -34.2753, 120.5665**.

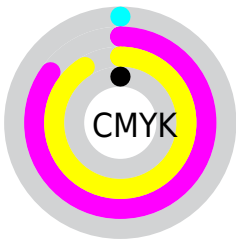
Distribution



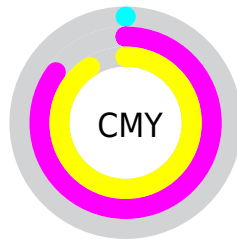
- Red (100%)
- Green (15%)
- Blue (9%)



- Red (100%)
- Yellow (15%)
- Blue (9%)



- Cyan (0%)
- Magenta (85%)
- Yellow (91%)
- Black (0%)




- Cyan (0%)
- Magenta (85%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.4720, -38.6867, 135.5211 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 100.4720, -38.6867, 135.5211 by changing the saturation by 10% instead.


 100.4720,
-38.6867, 135.5211


 100.4720,
-38.6867, 135.5211


255.0000, 0.0000,
0.0000

 66.0790, -32.5769,
135.8657


 147.9630,
-36.9568, 93.8714

 56.2120, -27.7125,
115.5781


 168.4230,
-34.7185, 75.9280


 46.3450, -22.8481,
95.2904


 188.9970,
-32.0435, 57.8846

 36.4780, -17.9837,
75.0028

 209.6850,
-28.9317, 39.7413

 27.5510, -12.1036,
55.6448

 230.9600,
-26.1093, 21.0831

 18.2820, -7.5340,
36.5867

 249.4140,


 6.5780, -3.2430,

-21.4031, 4.8989


13.5251


 252.7200, -8.7360,
1.9996


 0.0000, 0.0000,
0.0000


 100.4720,
-38.6867, 135.5211

 100.4720,
-38.6867, 135.5211


 85.6370, -42.2190,
148.5314

 117.5240,
-34.2753, 120.5665

 134.4620,
-30.3008, 105.7118

 151.4000,
-26.3262, 90.8572

 167.8650,
-21.6254, 76.4174

 184.8030,
-17.6509, 61.5628

201.8550,
-13.2395, 46.6082

218.9070, -8.8282,
31.6536

235.8450, -4.8536,
16.7989

252.7830, -0.8790,
1.9443

Harmonies

Analogous

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



88.6710, 10.0222, 145.8705



100.4720, -38.6867, 135.5211



122.0550, -60.1731, 73.6198

Triad

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



100.4720, -38.6867, 135.5211



101.9170, -18.2001, -89.3812



108.3150, 72.3157, -94.9923

Complementary

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



100.4720, -38.6867, 135.5211



176.5280, 38.6867, -135.5211

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.



121.2290, 65.9491, -106.3178



100.4720, -38.6867, 135.5211



114.0520, 20.6804, -100.0236

Square

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



100.4720, -38.6867, 135.5211



89.8110, -44.2768, -78.7642



123.4000, 56.4978, -108.2218



129.7290, 61.7586, 24.7937

Rectangle

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



100.4720, -38.6867, 135.5211



122.9870, -60.6326, 34.2144



123.4000, 56.4978, -108.2218



113.5980, 69.7112, -99.6254

Sweetspot

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



100.4720, -38.6867, 135.5211



209.5660, -11.6180, 39.8456



116.8610, 62.1865, 121.1479



100.4330, -6.6225, 24.1763



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.



100.4720, -38.6867, 135.5211



85.6370, -42.2190, 148.5314



166.8030, -71.3879, 77.3488



119.4740, -2.2057, 7.4773



64.1530, -31.6274, 111.2448



21.4840, -10.5916, 37.2865

Inverse Universe

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



176.5280, 38.6867, -135.5211



169.3630, 42.2190, -148.5314



110.1970, 71.3879, -77.3488



123.5260, 2.2057, -7.4773



126.8470, 31.6274, -111.2448



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 100.4720, -38.6867, 135.5211 looks on a white background.

Color Contrast Check

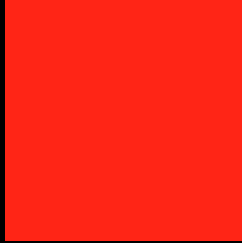
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4720, -38.6867, 135.5211 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 100.4720, -38.6867, 135.5211 Background



This preview shows how black text looks on a background with the YUV color 100.4720, -38.6867, 135.5211.



This preview shows how white text looks on a background with the YUV color 100.4720, -38.6867, 135.5211.

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

100.4720, -38.6867, 135.5211

Protanopia

126.3390, -41.0861, 18.1197

Deuteranopia

123.0090, -60.6434, 37.7031



Tritanopia

101.0250, -34.0293, 135.0361

Trichromacy



Original Color

100.4720, -38.6867, 135.5211

Protanomaly

116.5430, -40.2007, 60.9138

Deuteranomaly

114.7050, -52.6056, 73.0497

Tritanomaly

100.5690, -35.7765, 135.4360

Monochromacy



Original Color

100.4720, -38.6867, 135.5211

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.0510, -13.8291, 49.0673

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4720, -38.6867, 135.5211 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, 37, 22)` looks like.

```
.text, #text, p{  
    color:rgb(255, 37, 22)  
}
```

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, 37, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 37, 22) }
```

Border

The CSS property to change the border of an element to YUV 100.4720, -38.6867, 135.5211 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, 37, 22) }
```


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

```
.border{ border-color:rgb(255, 37, 22) }
```

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

Here you see how a box with a 4 pixel rgb(255, 37, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 37, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 37, 22);  
box-shadow:4px 4px 4px 4px rgb(255, 37,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 100.4720, -38.6867, 135.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 37, 22) }
```

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

```
.background{ background-color: rgb(255, 37,  
22) }
```

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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