

Converting Colors

YUV(88.1180, -35.0612,
139.3395)

Have a look what the booklet for
YUV(88.1180, -35.0612, 139.3395)
contains.

YUV(88.1180, -35.0612, 139.3395)	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(88.1180, -35.0612,
139.3395)**

Conversions

Conversions Part 1

Format	Color
Hex	F71511
RGB	247, 21, 17
RGB Percent	97%, 8%, 7%
CMY	0.0314, 0.9176, 0.9333
CMYK	0.00, 0.91, 0.93, 0.03
HSL	1°, 93%, 52%
HSV	1°, 93%, 97%
XYZ	38.7271, 20.3510, 2.4173
YIQ	88.1180, 135.9800, 46.6680

Conversions

Conversions Part 2

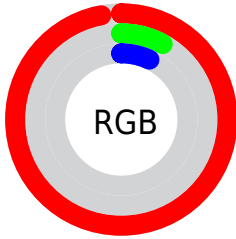
Format	Color
R_{YB}	247, 21, 17
Decimal	16192785
CIE Lab	52.23, 76.57, 61.43
CIE LCh	52, 98.170, 38.737
Yxy	20.3510, 0.6298, 0.3309
Android (android.graphics.Color)	4294382865 (0xFFFF71511)
YUV	88.1180, -35.0612, 139.3395
Hunter-Lab	45.1120, 74.2900, 28.4014

Details

The YUV color **88.1180, -35.0612, 139.3395** 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 **175.8820, 35.0612, -139.3395**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6970, -36.8256, 98.4897**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **76.2010, -37.5671, 149.7907**, and if you desaturate by 10%, it is **105.0560, -31.0866, 124.4849**.

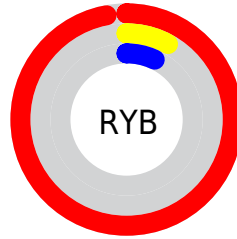
Distribution



Red (97%)

Green (8%)

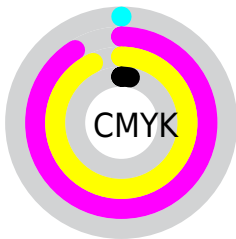
Blue (7%)



Red (97%)

Yellow (8%)

Blue (7%)

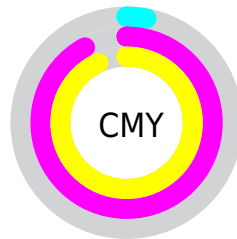


Cyan (0%)

Magenta (91%)

Yellow (93%)

Black (3%)



Cyan (3%)


Magenta (92%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.1180, -35.0612, 139.3395 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 88.1180, -35.0612, 139.3395 by changing the saturation by 10% instead.


 88.1180, -35.0612,
139.3395

 88.1180, -35.0612,
139.3395


255.0000, 0.0000,
0.0000


 63.6870, -31.3977,
130.9475


 142.6970,
-36.8256, 98.4897

 53.8200, -26.5333,
110.6599


 163.7440,
-34.8768, 80.0315


 43.9530, -21.6688,
90.3722


 184.3180,
-32.2018, 61.9881

 34.4990, -16.5150,
70.5994

 204.8920,
-29.5268, 43.9447

 25.5720, -10.6350,
51.2414

 225.6940,
-25.9781, 25.7014


 15.7760, -6.7916,
31.7684


 246.3820,


 0.0000, 0.0000,

-22.8663, 7.5580

0.0000


 252.0360,
-11.3567, 2.5994

 88.1180, -35.0612,
139.3395


 88.1180, -35.0612,
139.3395


 76.2010, -37.5671,
149.7907

 105.0560,
-31.0866, 124.4849

 122.4670,
-27.8382, 109.2154

 139.4050,
-23.8637, 94.3608

 156.3430,
-19.8891, 79.5062

 173.2810,
-15.9145, 64.6516

■ 190.6920,
-12.6662, 49.3821

■ 207.6300, -8.6916,
34.5275

■ 224.5680, -4.7170,
19.6729

■ 241.3920, -1.1793,
4.9182

Harmonies

Analogous

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



88.1010, 7.8382, 146.3704



88.1180, -35.0612, 139.3395



115.8530, -57.1155, 72.9199

Triad

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



88.1180, -35.0612, 139.3395



96.8960, -19.6687, -84.9778



104.7930, 74.0521, -91.9035

Complementary

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



88.1180, -35.0612, 139.3395



175.8820, 35.0612, -139.3395

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.



117.1200, 67.9748, -102.7142



88.1180, -35.0612, 139.3395



109.0310, 19.2117, -95.6202

Square

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



88.1180, -35.0612, 139.3395



85.7020, -42.2511, -75.1607



118.3790, 55.0292, -103.8184



123.8040, 64.6796, 21.2199

Rectangle

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



88.1180, -35.0612, 139.3395



117.3720, -57.8644, 32.9998



118.3790, 55.0292, -103.8184



110.0760, 71.4475, -96.5367

Sweetspot

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



88.1180, -35.0612, 139.3395



205.8160, -10.7553, 43.1344



111.5340, 64.8127, 118.8037



97.7430, -6.7753, 26.5354



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.



88.1180, -35.0612, 139.3395



78.5930, -38.7463, 154.7089



155.6230, -68.3411, 80.1376



113.5880, -1.7689, 7.3773



57.3750, -28.2859, 112.8041



18.2280, -8.9864, 35.7570

Inverse Universe

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



175.8820, 35.0612, -139.3395



176.4070, 38.7463, -154.7089



108.3770, 68.3411, -80.1376



118.4120, 1.7689, -7.3773



128.6250, 28.2859, -112.8041



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 88.1180, -35.0612, 139.3395 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



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 88.1180, -35.0612, 139.3395

Background



This preview shows how black text looks on a background with the YUV color 88.1180, -35.0612, 139.3395.



This preview shows how white text looks on a background with the YUV color 88.1180, -35.0612,

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

88.1180, -35.0612, 139.3395

Protanopia

120.5670, -40.2125, 17.9197

Deuteranopia

117.0950, -57.7278, 35.8737



Tritanopia

87.2230, -41.0289, 140.1244

Trichromacy



Original Color

88.1180, -35.0612, 139.3395

Protanomaly

109.0100, -38.4589, 62.2582

Deuteranomaly

106.2150, -49.4060, 73.4794

Tritanomaly

87.7930, -38.8449, 139.6245

Monochromacy



Original Color

88.1180, -35.0612, 139.3395

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2900, -12.9610, 50.6117

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1180, -35.0612, 139.3395 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(247, 21, 17)` looks like.

```
.text, #text, p{  
    color:rgb(247, 21, 17)  
}
```

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(247, 21, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 21, 17) }
```

Border

The CSS property to change the border of an element to YUV 88.1180, -35.0612, 139.3395 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(247, 21, 17) }
```


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

```
.border{ border-color:rgb(247, 21, 17) }
```

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

Here you see how a box with a 4 pixel rgb(247, 21, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 21, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 21, 17);  
box-shadow:4px 4px 4px 4px rgb(247, 21,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 88.1180, -35.0612, 139.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 21, 17) }
```

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

```
.background{ background-color: rgb(247, 21,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor