

Converting Colors

YUV(88.3580, -18.9105,
139.1290)

Have a look what the booklet for
YUV(88.3580, -18.9105, 139.1290)
contains.

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Color

**YUV(88.3580, -18.9105,
139.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	F70F32
RGB	247, 15, 50
RGB Percent	97%, 6%, 20%
CMY	0.0314, 0.9412, 0.8039
CMYK	0.00, 0.94, 0.80, 0.03
HSL	351°, 94%, 51%
HSV	351°, 94%, 97%
XYZ	39.1043, 20.3461, 4.8838
YIQ	88.3580, 127.0370, 60.0690

Conversions

Conversions Part 2

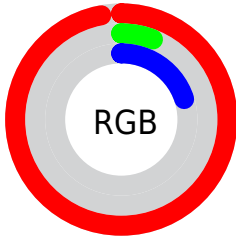
Format	Color
R_{YB}	247, 15, 50
Decimal	16191282
CIE _{Lab}	52.23, 77.80, 46.57
CIE _{LCh}	52, 90.672, 30.905
Yxy	20.3461, 0.6078, 0.3163
Android (android.graphics.Color)	4294381362 (0xFFFF70F32)
YUV	88.3580, -18.9105, 139.1290
Hunter-Lab	45.1066, 75.8104, 25.1552

Details

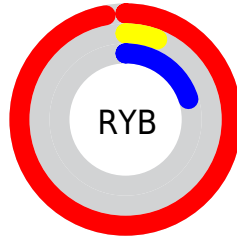
The YUV color **88.3580, -18.9105, 139.1290** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **173.6420, 18.9105, -139.1290**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4160, -23.8691, 96.1052**, and **54.8030, -24.0599, 110.6748** is the 20% darker color. If you saturate the color by 10%, you get **78.0710, -20.2480, 148.1507**, and if you desaturate by 10%, it is **105.4270, -16.9725, 124.1595**.

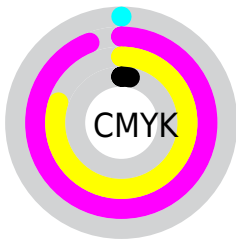
Distribution



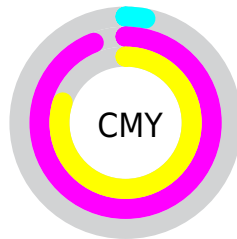
- Red (97%)
- Green (6%)
- Blue (20%)



- Red (97%)
- Yellow (6%)
- Blue (20%)



- Cyan (0%)
- Magenta (94%)
- Yellow (80%)
- Black (3%)





- Cyan (3%)
- Magenta (94%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.3580, -18.9105, 139.1290 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 88.3580, -18.9105, 139.1290 by changing the saturation by 10% instead.


 88.3580, -18.9105,
139.1290


 88.3580, -18.9105,
139.1290


255.0000, 0.0000,
0.0000


 67.1780, -19.3148,
128.7629


 145.4160,
-23.8691, 96.1052


 54.8030, -24.0599,
110.6748


 166.4630,
-21.9203, 77.6469


 44.2520, -21.8162,
90.9870


 187.0370,
-19.2452, 59.6036

 34.7980, -16.6624,
71.2142

 207.7250,
-16.1334, 41.4602

 25.8710, -10.7824,
51.8561

 228.5270,
-12.5848, 23.2168

 16.0750, -6.9390,
32.3832

 249.9160, -9.3256,

 0.8970, -0.4422,

4.4587

1.8443

■ 0.0000, 0.0000,
0.0000

■ 88.3580, -18.9105,
139.1290

■ 88.3580, -18.9105,
139.1290

■ 78.0710, -20.2480,
148.1507

■ 105.4270,
-16.9725, 124.1595

■ 121.9090,
-14.7451, 109.7048

■ 138.9780,
-12.8072, 94.7353


■ 156.0470,
-10.8692, 79.7658

■ 173.1160, -8.9312,
64.7963

 189.5980, -6.7038,
50.3416

 206.6670, -4.7658,
35.3720

 223.7360, -2.8278,
20.4025

 240.2180, -0.6005,
5.9478

Harmonies

Analogous

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



90.0110, 17.7426, 142.9414



88.3580, -18.9105, 139.1290



114.1470, -56.2745, 83.1861

Triad

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



88.3580, -18.9105, 139.1290



93.0830, -26.6629, -81.6338



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.



88.3580, -18.9105, 139.1290



173.6420, 18.9105, -139.1290

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.



117.7070, 67.6854, -103.2290



88.3580, -18.9105, 139.1290



105.2350, 9.7441, -92.2911

Square

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



88.3580, -18.9105, 139.1290



103.3870, -50.9698, -31.9114



114.7140, 43.5250, -100.6042



121.8340, 65.6508, -10.3784

Rectangle

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



88.3580, -18.9105, 139.1290



117.7590, -58.0552, 47.5694



114.7140, 43.5250, -100.6042



112.4240, 70.2900, -98.5958

Sweetspot

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



88.3580, -18.9105, 139.1290



206.3690, -6.0979, 42.6494



99.1550, 72.8876, 95.4571



97.9540, -3.4283, 26.3503



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.



88.3580, -18.9105, 139.1290



80.5770, -20.9905, 152.9690



129.5670, -56.4815, 102.9887



113.8160, -0.8953, 7.1774



58.8060, -15.1874, 111.5491



18.6670, -4.7658, 35.3720

Inverse Universe

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



88.3580, -18.9105, 139.1290



80.5770, -20.9905, 152.9690



132.4330, 56.4815, -102.9887



113.8160, -0.8953, 7.1774



58.8060, -15.1874, 111.5491



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 88.3580, -18.9105, 139.1290 looks on a white background.

Color Contrast Check

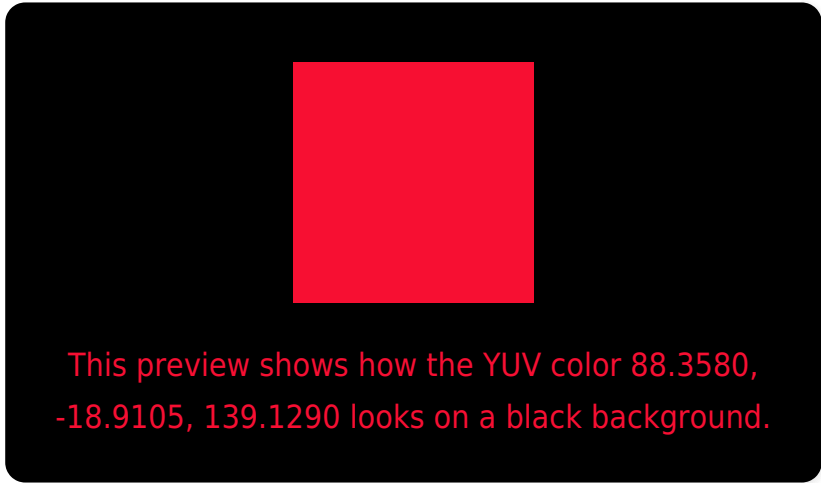
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.3580, -18.9105, 139.1290

Background



This preview shows how black text looks on a background with the YUV color 88.3580, -18.9105, 139.1290.



This preview shows how white text looks on a background with the YUV color 88.3580, -18.9105,

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

88.3580, -18.9105, 139.1290

Protanopia

123.7030, -23.0246, 11.6615

Deuteranopia

120.7430, -43.7503, 32.6744



Tritanopia

89.8250, -37.3817, 136.9655

Trichromacy



Original Color

88.3580, -18.9105, 139.1290

Protanomaly

111.0430, -21.7132, 57.8443

Deuteranomaly

108.8030, -34.4129, 71.2098

Tritanomaly

88.9590, -30.5458, 137.7250

Monochromacy



Original Color

88.3580, -18.9105, 139.1290

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.8970, -6.8512, 50.9563

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3580, -18.9105, 139.1290 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, 15, 50)` looks like.

```
.text, #text, p{  
    color:rgb(247, 15, 50)  
}
```

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, 15, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 15, 50) }
```

Border

The CSS property to change the border of an element to YUV 88.3580, -18.9105, 139.1290 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, 15, 50) }
```


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

```
.border{ border-color:rgb(247, 15, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 15, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 15, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 15, 50);  
box-shadow:4px 4px 4px 4px rgb(247, 15,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 88.3580, -18.9105, 139.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 15, 50) }
```

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

```
.background{ background-color: rgb(247, 15,  
50) }
```

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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