

Converting Colors

YUV(82.3960, -36.6772,
144.3577)

Have a look what the booklet for
YUV(82.3960, -36.6772, 144.3577)
contains.

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Color

**YUV(82.3960, -36.6772,
144.3577)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F70D08 |
| RGB | 247, 13, 8 |
| RGB Percent | 97%, 5%, 3% |
| CMY | 0.0314, 0.9490, 0.9686 |
| CMYK | 0.00, 0.95, 0.97, 0.03 |
| HSL | 1°, 94%, 50% |
| HSV | 1°, 97%, 97% |
| XYZ | 38.5455, 20.0795, 2.0739 |
| YIQ | 82.3960, 141.0690, 48.0530 |

Conversions

Conversions Part 2

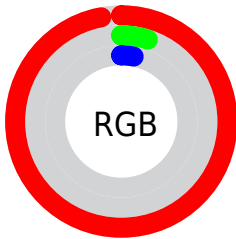
| Format | Color |
|-------------------------------------|---|
| RYB | 247, 13, 8 |
| Decimal | 16190728 |
| CIELab | 51.93, 77.31, 63.70 |
| CIELCh | 52, 100.173, 39.489 |
| Yxy | 20.0795, 0.6350, 0.3308 |
| Android (android.graphics.Color) | 4294380808 (0xFFFF70D08) |
| YUV | 82.3960, -36.6772, 144.3577 |
| Hunter-Lab | 44.8102, 75.1270, 28.6231 |

Details

The YUV color **82.3960, -36.6772, 144.3577** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **172.6040, 36.6772, -144.3577**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3660, -38.1414, 100.5340**, and **53.8200, -26.5333, 110.6599** is the 20% darker color. If you saturate the color by 10%, you get **76.7880, -37.8565, 149.2759**, and if you desaturate by 10%, it is **99.3340, -32.7027, 129.5031**.

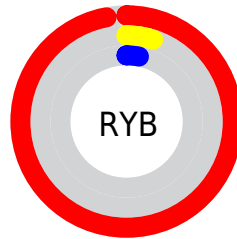
Distribution



Red (97%)

Green (5%)

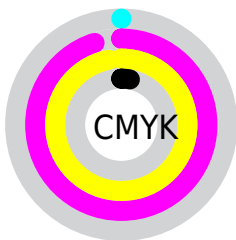
Blue (3%)



Red (97%)

Yellow (5%)

Blue (3%)

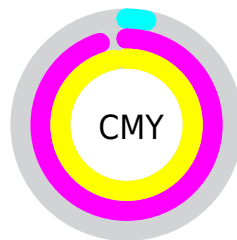


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (3%)



Cyan (3%)


Magenta (95%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.3960, -36.6772, 144.3577 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 82.3960, -36.6772, 144.3577 by changing the saturation by 10% instead.


 82.3960, -36.6772,
144.3577


 82.3960, -36.6772,
144.3577


254.6580, -1.3104,
0.2999


 63.6870, -31.3977,
130.9475


 140.3660,
-38.1414, 100.5340


 53.8200, -26.5333,
110.6599


 161.4130,
-36.1926, 82.0758


 43.9530, -21.6688,
90.3722


 182.5740,
-33.8070, 63.5176

 34.2000, -16.3676,
69.9846

 203.1480,
-31.1320, 45.4742

 25.5720, -10.6350,
51.2414

 223.8360,
-28.0201, 27.3308


 15.7760, -6.7916,
31.7684


 244.6380,


 0.0000, 0.0000,


-24.4715, 9.0875


0.0000


 251.3520,
-13.9775, 3.1993


 82.3960, -36.6772,
144.3577


 82.3960, -36.6772,
144.3577

 76.7880, -37.8565,
149.2759

 99.3340, -32.7027,
129.5031

 116.1580,
-29.1649, 114.7484

 133.6830,
-25.4797, 99.3790

 150.6210,
-21.5052, 84.5244

 167.4450,
-17.9674, 69.7697

184.3830,
-13.9928, 54.9151

201.3210,
-10.0183, 40.0605

218.2590, -6.0437,
25.2059

235.6700, -2.7953,
9.9364

Harmonies

Analogous

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



87.7590, 6.5278, 146.6704



82.3960, -36.6772, 144.3577



115.2550, -56.8207, 71.6904

Triad

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



82.3960, -36.6772, 144.3577



97.0100, -19.2319, -85.0778



104.2060, 74.3414, -91.3887

Complementary

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



82.3960, -36.6772, 144.3577



172.6040, 36.6772, -144.3577

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



82.3960, -36.6772, 144.3577



109.2590, 20.0853, -95.8201

Square

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



82.3960, -36.6772, 144.3577



85.7020, -42.2511, -75.1607



118.7210, 56.3395, -104.1183



122.3530, 65.3950, 25.1234

Rectangle

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



82.3960, -36.6772, 144.3577



116.4750, -57.4222, 31.1554



118.7210, 56.3395, -104.1183



109.4890, 71.7369, -96.0219

Sweetspot

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



82.3960, -36.6772, 144.3577



204.3000, -11.4869, 44.4639



106.2510, 67.4173, 123.4369



97.0420, -6.9227, 27.1502



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.



82.3960, -36.6772, 144.3577



79.1800, -39.0357, 154.1941



151.6620, -70.8254, 83.6114



113.5880, -1.7689, 7.3773



57.9620, -28.5753, 112.2893



18.2280, -8.9864, 35.7570

Inverse Universe

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



172.6040, 36.6772, -144.3577



175.8200, 39.0357, -154.1941



103.3380, 70.8254, -83.6114



118.4120, 1.7689, -7.3773



128.0380, 28.5753, -112.2893



40.1850, 9.2758, -35.2422

Previews

White Background



This preview shows how the YUV color 82.3960, -36.6772, 144.3577 looks on a white background.

Color Contrast Check

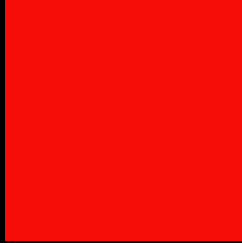
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.3960, -36.6772, 144.3577 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 82.3960, -36.6772, 144.3577

Background



This preview shows how black text looks on a background with the YUV color 82.3960, -36.6772, 144.3577.



This preview shows how white text looks on a background with the YUV color 82.3960, -36.6772,

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

82.3960, -36.6772, 144.3577

Protanopia

118.9970, -42.3965, 18.4196

Deuteranopia

116.7960, -57.5804, 35.2589



Tritanopia

86.4680, -42.6287, 139.9096

Trichromacy



Original Color

82.3960, -36.6772, 144.3577

Protanomaly

105.5650, -40.2115, 64.4025

Deuteranomaly

104.1120, -49.8482, 75.3238

Tritanomaly

85.0490, -40.4502, 141.1540

Monochromacy



Original Color

82.3960, -36.6772, 144.3577

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1870, -13.4032, 52.4560

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3960, -36.6772, 144.3577 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, 13, 8)` looks like.

```
.text, #text, p{  
    color:rgb(247, 13, 8)  
}
```

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, 13, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 13, 8) }
```

Border

The CSS property to change the border of an element to YUV 82.3960, -36.6772, 144.3577 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, 13, 8) }
```


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

```
.border{ border-color:rgb(247, 13, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 13, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 13, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 13, 8);  
box-shadow:4px 4px 4px 4px rgb(247, 13, 8)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.3960, -36.6772, 144.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 13, 8) }
```

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

```
.background{ background-color: rgb(247, 13,  
8) }
```

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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