

Converting Colors

YUV(80.9060, -37.4217,
56.2104)

Have a look what the booklet for
YUV(80.9060, -37.4217, 56.2104)
contains.

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Color

**YUV(80.9060, -37.4217,
56.2104)**

Conversions

Conversions Part 1

Format	Color
Hex	913F05
RGB	145, 63, 5
RGB Percent	57%, 25%, 2%
CMY	0.4314, 0.7529, 0.9804
CMYK	0.00, 0.57, 0.97, 0.43
HSL	25°, 93%, 29%
HSV	25°, 97%, 57%
XYZ	13.4820, 9.5857, 1.2832
YIQ	80.9060, 67.4900, -0.6540

Conversions

Conversions Part 2

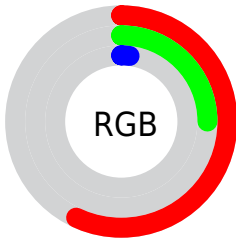
Format	Color
R_{YB}	145, 104, 5
Decimal	9518853
CIE _{Lab}	37.09, 31.93, 46.02
CIE _{LCh}	37, 56.011, 55.244
Yxy	9.5857, 0.5537, 0.3936
Android (android.graphics.Color)	4287708933 (0xFF913F05)
YUV	80.9060, -37.4217, 56.2104
Hunter-Lab	30.9608, 23.5468, 19.2152

Details

The YUV color **80.9060, -37.4217, 56.2104** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **69.0940, 37.4217, -56.2104**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1240, -38.0221, 62.1583**, and **34.2310, -16.8759, 46.2784** is the 20% darker color. If you saturate the color by 10%, you get **78.5750, -38.7375, 58.2547**, and if you desaturate by 10%, it is **87.3120, -33.1848, 50.5924**.

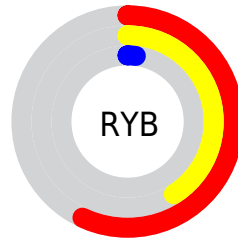
Distribution



Red (57%)

Green (25%)

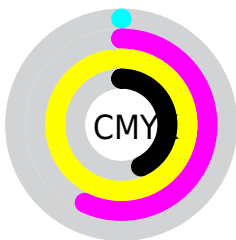
Blue (2%)



Red (57%)

Yellow (41%)

Blue (2%)

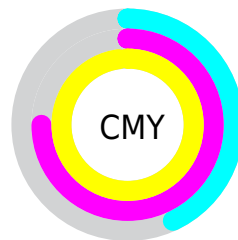


Cyan (0%)

Magenta (57%)

Yellow (97%)

Black (43%)



Cyan (43%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.9060, -37.4217, 56.2104 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 80.9060, -37.4217, 56.2104 by changing the saturation by 10% instead.

80.9060, -37.4217,
56.2104

80.9060, -37.4217,
56.2104

253.6320, -5.2416,
1.1997

57.5770, -28.3855,
51.2370

134.1240,
-38.0221, 62.1583

34.2310, -16.8759,
46.2784

161.3910,
-39.6328, 65.4321

17.6410, -8.6970,
36.2718

185.7710,
-39.3271, 60.7138

9.9810, -4.4276,
20.1877

204.5840,
-35.7839, 44.2148


0.0000, 0.0000,
0.0000


224.0980,
-32.0933, 27.1011


244.1990,


-28.6921, 9.4725


 250.3260,
-17.9087, 4.0991


 80.9060, -37.4217,
56.2104

 80.9060, -37.4217,
56.2104

 78.5750, -38.7375,
58.2547

 87.3120, -33.1848,
50.5924

 94.1910, -29.6742,
44.5595

 100.5970,
-25.4373, 38.9414

 107.4760,
-21.9267, 32.9085

 113.8820,
-17.6898, 27.2905

■ 120.7610,
-14.1792, 21.2576

■ 127.1670, -9.9423,
15.6395

■ 134.0460, -6.4317,
9.6067

■ 140.4520, -2.1948,
3.9886

Harmonies

Analogous

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



77.8570, -12.7475, 75.5474



80.9060, -37.4217, 56.2104



82.2090, -40.5290, 26.1267

Triad

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



80.9060, -37.4217, 56.2104



71.1140, 3.3948, -62.3670



84.9000, 41.9543, -16.5753

Complementary

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



80.9060, -37.4217, 56.2104



69.0940, 37.4217, -56.2104

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.



76.0570, 50.2579, -66.7020



80.9060, -37.4217, 56.2104



77.0590, 23.6349, -67.5807

Square

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



80.9060, -37.4217, 56.2104



63.9950, -16.2665, -56.1236



79.4020, 40.2278, -69.6356



87.6100, 25.3353, 40.6840

Rectangle

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



80.9060, -37.4217, 56.2104



79.4190, -39.1536, 4.8945



79.4020, 40.2278, -69.6356



69.8450, 51.8414, -61.2541

Sweetspot

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



80.9060, -37.4217, 56.2104



163.9460, -14.7634, 21.9724



56.4360, 16.0541, 77.6706



79.0850, -8.9159, 13.0805



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.9060, -37.4217, 56.2104



102.2970, -50.4324, 76.0385



120.8220, -57.1002, 21.2041



67.8540, -1.9000, 2.7590



73.2370, -36.1058, 54.1662



4.1530, -2.0474, 3.3738

Inverse Universe

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



69.0940, 37.4217, -56.2104



86.7030, 50.4324, -76.0385



29.1780, 57.1002, -21.2041



67.1460, 1.9000, -2.7590



61.7630, 36.1058, -54.1662



3.2600, 2.3368, -2.8590

Previews

White Background



This preview shows how the YUV color 80.9060, -37.4217, 56.2104 looks on a white 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 ✓ Pass

Black Background



This preview shows how the YUV color 80.9060, -37.4217, 56.2104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

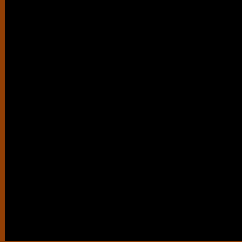
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.9060, -37.4217, 56.2104

Background



This preview shows how black text looks on a background with the YUV color 80.9060, -37.4217, 56.2104.



This preview shows how white text looks on a background with the YUV color 80.9060, -37.4217,

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

80.9060, -37.4217, 56.2104

Protanopia

82.9670, -33.5077, 14.0609

Deuteranopia

82.4970, -40.6710, 24.9971



Tritanopia

85.6540, -11.6614, 53.8004

Trichromacy



Original Color

80.9060, -37.4217, 56.2104

Protanomaly

82.3110, -35.1563, 29.5453

Deuteranomaly

81.6170, -39.2512, 36.2929

Tritanomaly

83.5480, -20.9762, 54.7704

Monochromacy



Original Color

80.9060, -37.4217, 56.2104

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.5760, -13.5950, 20.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9060, -37.4217, 56.2104 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(145, 63, 5)` looks like.

```
.text, #text, p{  
    color:rgb(145, 63, 5)  
}
```

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(145, 63, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 63, 5) }
```

Border

The CSS property to change the border of an element to YUV 80.9060, -37.4217, 56.2104 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(145, 63, 5) }
```


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

```
.border{ border-color:rgb(145, 63, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 63, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 63, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 63, 5);  
box-shadow:4px 4px 4px 4px rgb(145, 63, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.9060, -37.4217, 56.2104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 63, 5) }
```

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

```
.background{ background-color: rgb(145, 63,  
5) }
```

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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