

Converting Colors

YUV(56.7350, -17.6174,
97.5794)

Have a look what the booklet for
YUV(56.7350, -17.6174, 97.5794)
contains.

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Color

**YUV(56.7350, -17.6174,
97.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	A80715
RGB	168, 7, 21
RGB Percent	66%, 3%, 8%
CMY	0.3412, 0.9725, 0.9176
CMYK	0.00, 0.96, 0.87, 0.34
HSL	355°, 92%, 34%
HSV	355°, 96%, 66%
XYZ	16.3598, 8.5309, 1.4938
YIQ	56.7350, 91.4620, 38.4860

Conversions

Conversions Part 2

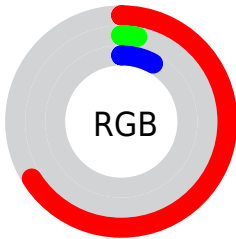
Format	Color
RYB	168, 7, 21
Decimal	11011861
CIELab	35.07, 58.02, 40.16
CIElCh	35, 70.568, 34.691
Yxy	8.5309, 0.6201, 0.3233
Android (android.graphics.Color)	4289201941 (0xFFA80715)
YUV	56.7350, -17.6174, 97.5794
Hunter-Lab	29.2078, 48.8674, 17.4130

Details

The YUV color **56.7350, -17.6174, 97.5794** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **118.2650, 17.6174, -97.5794**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9660, -28.0842, 94.7458**, and **31.6940, -15.6251, 65.1664** is the 20% darker color. If you saturate the color by 10%, you get **51.9420, -18.2124, 101.7829**, and if you desaturate by 10%, it is **68.4240, -15.9850, 87.3282**.

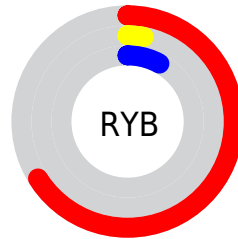
Distribution



Red (66%)

Green (3%)

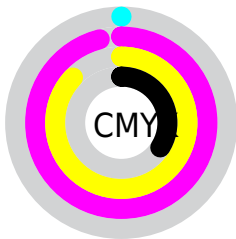
Blue (8%)



Red (66%)

Yellow (3%)

Blue (8%)

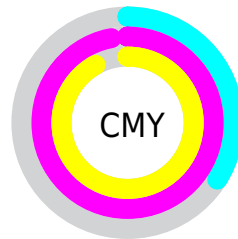


Cyan (0%)

Magenta (96%)

Yellow (87%)

Black (34%)



Cyan (34%)

Magenta (97%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.7350, -17.6174, 97.5794 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 56.7350, -17.6174, 97.5794 by changing the saturation by 10% instead.

■ 56.7350, -17.6174,
97.5794

■ 56.7350, -17.6174,
97.5794

■ 254.5440, -1.7472,
0.3999

■ 40.9630, -20.1948,
84.2244

■ 122.9660,
-28.0842, 94.7458

■ 31.6940, -15.6251,
65.1664

■ 149.3140,
-29.2418, 92.6866

■ 22.8380, -10.7661,
46.6231

■ 168.4860,
-26.8616, 75.8728

■ 14.5800, -6.2019,
29.3093

■ 187.8860,
-23.6078, 58.8590


■ 0.0000, 0.0000,
0.0000


■ 207.9870,
-20.2066, 41.2304


■ 228.0880,


-16.8054, 23.6018


 248.8900,
-13.2568, 5.3585


 56.7350, -17.6174,
97.5794


 56.7350, -17.6174,
97.5794

 51.9420, -18.2124,
101.7829

 68.4240, -15.9850,
87.3282

 80.2270, -13.9159,
76.9769

 91.3290, -11.9942,
67.2405

 103.0180,
-10.3619, 56.9892

 114.8210, -8.2928,
46.6380

■ 126.5100, -6.6604,
36.3867

■ 138.1990, -5.0281,
26.1355

■ 149.4150, -2.6696,
16.2990

■ 161.1040, -1.0373,
6.0478

Harmonies

Analogous

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



61.2880, 7.2530, 100.6024



56.7350, -17.6174, 97.5794



76.4820, -37.7056, 53.9513

Triad

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



56.7350, -17.6174, 97.5794



63.1800, -16.8507, -55.4089



74.1140, 60.5828, -64.9980

Complementary

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



56.7350, -17.6174, 97.5794



118.2650, 17.6174, -97.5794

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.



80.4910, 52.0159, -70.5906



56.7350, -17.6174, 97.5794



71.8950, 8.9258, -63.0519

Square

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



56.7350, -17.6174, 97.5794



64.7240, -31.9089, -32.2069



78.2790, 33.3865, -68.6507



81.9870, 46.8414, 2.6424

Rectangle

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



56.7350, -17.6174, 97.5794



78.0890, -38.4979, 27.9859



78.2790, 33.3865, -68.6507



77.0490, 59.1358, -67.5720

Sweetspot

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



56.7350, -17.6174, 97.5794



175.4070, -7.1027, 38.2311



68.7090, 48.9505, 73.0462



83.1170, -4.0017, 23.5764



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



56.7350, -17.6174, 97.5794



67.6470, -23.9830, 132.7366



92.7070, -42.2536, 66.0320



78.3920, -1.1793, 4.9182



45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Inverse Universe

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



56.7350, -17.6174, 97.5794



67.6470, -23.9830, 132.7366



82.2930, 42.2536, -66.0320



78.3920, -1.1793, 4.9182



45.7340, -16.1379, 89.6873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 56.7350, -17.6174, 97.5794 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



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 56.7350, -17.6174, 97.5794

Background



This preview shows how black text looks on a background with the YUV color 56.7350, -17.6174, 97.5794.



This preview shows how white text looks on a background with the YUV color 56.7350, -17.6174,

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

56.7350, -17.6174, 97.5794

Protanopia

82.4040, -22.8772, 11.0467

Deuteranopia

79.5400, -39.2132, 24.0824



Tritanopia

58.7380, -28.9578, 94.9458

Trichromacy



Original Color

56.7350, -17.6174, 97.5794

Protanomaly

73.4710, -20.9382, 42.5599

Deuteranomaly

71.1810, -31.1482, 50.7073

Tritanomaly

57.8890, -24.5953, 95.6903

Monochromacy



Original Color

56.7350, -17.6174, 97.5794

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9120, -6.3656, 35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.7350, -17.6174, 97.5794 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(168, 7, 21)` looks like.

```
.text, #text, p{  
    color:rgb(168, 7, 21)  
}
```

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(168, 7, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 7, 21) }
```

Border

The CSS property to change the border of an element to YUV 56.7350, -17.6174, 97.5794 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(168, 7, 21) }
```


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

```
.border{ border-color:rgb(168, 7, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 7, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 7, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 7, 21);  
box-shadow:4px 4px 4px 4px rgb(168, 7, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.7350, -17.6174, 97.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 7, 21) }
```

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

```
.background{ background-color: rgb(168, 7,  
21) }
```

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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