

Converting Colors

YUV(91.7720, -17.6356, 9.8470)

Have a look what the booklet for
YUV(91.7720, -17.6356, 9.8470)
contains.

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Color

**YUV(91.7720, -17.6356,
9.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	675D38
RGB	103, 93, 56
RGB Percent	40%, 36%, 22%
CMY	0.5961, 0.6353, 0.7804
CMYK	0.00, 0.10, 0.46, 0.60
HSL	47°, 30%, 31%
HSV	47°, 46%, 40%
XYZ	10.2217, 10.9978, 5.3254
YIQ	91.7720, 17.8370, -9.3870

Conversions

Conversions Part 2

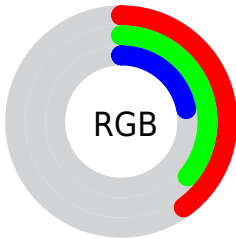
Format	Color
RYB	69, 103, 56
Decimal	6774072
CIELab	39.58, -1.78, 22.68
CIELCh	40, 22.751, 94.489
Yxy	10.9978, 0.3851, 0.4143
Android (android.graphics.Color)	4284964152 (0xFF675D38)
YUV	91.7720, -17.6356, 9.8470
Hunter-Lab	33.1629, -3.0167, 13.6930

Details

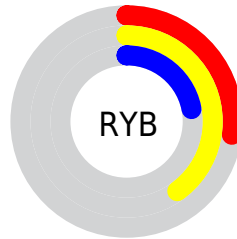
The YUV color **91.7720, -17.6356, 9.8470** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **67.2280, 17.6356, -9.8470**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1420, -18.8040, 11.2765**, and **45.4020, -16.4672, 8.4174** is the 20% darker color. If you saturate the color by 10%, you get **89.4580, -21.4248, 11.8763**, and if you desaturate by 10%, it is **94.0860, -13.8464, 7.8176**.

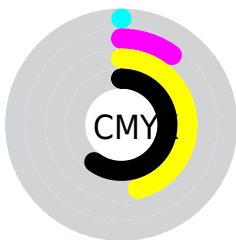
Distribution



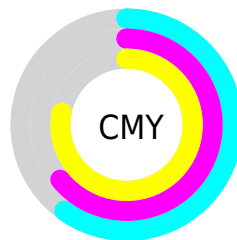
- Red (40%)
- Green (36%)
- Blue (22%)



- Red (27%)
- Yellow (40%)
- Blue (22%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7720, -17.6356, 9.8470 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 91.7720, -17.6356, 9.8470 by changing the saturation by 10% instead.

■ 91.7720, -17.6356,
9.8470

■ 91.7720, -17.6356,
9.8470

255.0000, 0.0000,
0.0000

■ 68.2880, -16.9040,
8.5174

■ 142.1420,
-18.8040, 11.2765

■ 45.4020, -16.4672,
8.4174

■ 168.9140,
-19.6776, 11.4764

■ 25.7160, -12.6780,
6.3881

■ 196.0990,
-20.2618, 12.1912

■ 0.0000, 0.0000,
0.0000

■ 224.2840,
-20.8460, 12.9059

■ 248.6960,
-19.0771, 5.5286

■ 253.0620, -7.4256,

1.6996

■ 91.7720, -17.6356,
9.8470

■ 91.7720, -17.6356,
9.8470

■ 89.4580, -21.4248,
11.8763

■ 94.0860, -13.8464,
7.8176

■ 87.0300, -25.6508,
14.0057

■ 96.5140, -9.6204,
5.6882

■ 84.1290, -29.1506,
16.5499

■ 99.4150, -6.1206,
3.1440

■ 81.8150, -32.9398,
18.5792

■ 101.7290, -2.3314,
1.1147

■ 79.3870, -37.1658,
20.7086

■ 104.1570, 1.8946,
-1.0147

■ 78.3440, -38.6236,
21.6233

■ 106.4710, 5.6838,
-3.0441

■ 108.7850, 9.4730,
-5.0734

■ 111.6860, 12.9728,
-7.6176

■ 114.1140, 17.1988,
-9.7470

Harmonies

Analogous

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



93.4900, -16.5106, 22.3723



91.7720, -17.6356, 9.8470



89.4110, -13.5136, -5.6224

Triad

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



91.7720, -17.6356, 9.8470



80.0460, 16.7393, -49.1523



96.2550, 6.7763, 19.9474

Complementary

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



91.7720, -17.6356, 9.8470



67.2280, 17.6356, -9.8470

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.



94.8060, 14.3926, 3.6781



91.7720, -17.6356, 9.8470



85.0350, 20.1957, -37.7417

Square

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



91.7720, -17.6356, 9.8470



82.6530, 6.0871, -39.1607



91.5260, 18.9677, -17.1243



95.3180, -2.1288, 29.5391

Rectangle

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



91.7720, -17.6356, 9.8470



88.0120, -8.3869, -16.6735



91.5260, 18.9677, -17.1243



95.6180, 9.5553, 15.2440

Sweetspot

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



91.7720, -17.6356, 9.8470



130.4860, -7.1416, 3.9588



71.1930, -2.5601, 27.8947



65.8710, -4.3734, 2.7441



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



91.7720, -17.6356, 9.8470



117.1720, -27.6928, 15.6352



93.7550, -18.6132, -3.2931



49.8430, -1.8946, 1.0147



87.2150, -42.9970, 24.3674



184.4750, -90.9462, 50.4494

Inverse Universe

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



67.2280, 17.6356, -9.8470



78.8280, 27.6928, -15.6352



65.2450, 18.6132, 3.2931



47.1570, 1.8946, -1.0147



27.1980, 43.2864, -23.8526



58.1120, 90.6568, -50.9642

Previews

White Background



This preview shows how the YUV color 91.7720, -17.6356, 9.8470 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 × Fail

Black Background



This preview shows how the YUV color 91.7720, -17.6356, 9.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

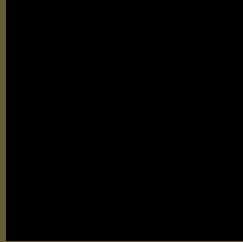
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7720, -17.6356, 9.8470

Background



This preview shows how black text looks on a background with the YUV color 91.7720, -17.6356, 9.8470.



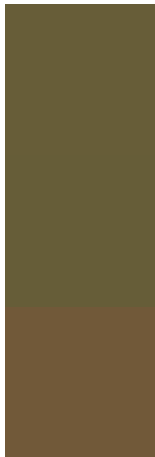
This preview shows how white text looks on a background with the YUV color 91.7720, -17.6356,

9.8470.

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

91.7720, -17.6356, 9.8470

Protanopia

91.4730, -17.4882, 9.2322

Deuteranopia

92.5280, -17.5153, 17.9539



Tritanopia

94.4790, 0.2569, 10.9809

Trichromacy



Original Color

91.7720, -17.6356, 9.8470

Protanomaly

91.4730, -17.4882, 9.2322

Deuteranomaly

91.9190, -17.2151, 14.9800

Tritanomaly

93.7580, -6.2897, 10.7362

Monochromacy



Original Color

91.7720, -17.6356, 9.8470

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7140, -6.2680, 3.7588

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7720, -17.6356, 9.8470 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(103, 93, 56)` looks like.

```
.text, #text, p{  
    color:rgb(103, 93, 56)  
}
```

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(103, 93, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 93, 56) }
```

Border

The CSS property to change the border of an element to YUV 91.7720, -17.6356, 9.8470 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(103, 93, 56) }
```


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

```
.border{ border-color:rgb(103, 93, 56) }
```

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

Here you see how a box with a 4 pixel rgb(103, 93, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 93, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 93, 56);  
box-shadow:4px 4px 4px 4px rgb(103, 93,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 91.7720, -17.6356, 9.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 93, 56) }
```

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

```
.background{ background-color: rgb(103, 93,  
56) }
```

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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