

Converting Colors

YUV(91.7170, -17.6085, 1.1252)

Have a look what the booklet for
YUV(91.7170, -17.6085, 1.1252)
contains.

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Color

**YUV(91.7170, -17.6085,
1.1252)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6238
RGB	93, 98, 56
RGB Percent	36%, 38%, 22%
CMY	0.6353, 0.6157, 0.7804
CMYK	0.05, 0.00, 0.43, 0.62
HSL	67°, 27%, 30%
HSV	67°, 43%, 38%
XYZ	9.5957, 11.3480, 5.4260
YIQ	91.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

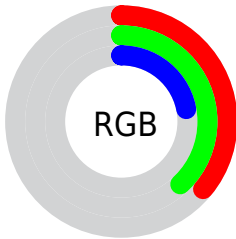
Format	Color
RYB	56, 98, 61
Decimal	6119992
CIELab	40.16, -9.25, 23.23
CIELCh	40, 25.005, 111.720
Yxy	11.3480, 0.3639, 0.4303
Android (android.graphics.Color)	4284310072 (0xFF5D6238)
YUV	91.7170, -17.6085, 1.1252
Hunter-Lab	33.6869, -8.1063, 14.0308

Details

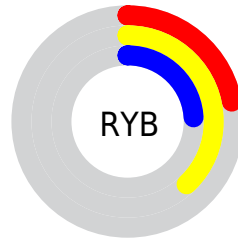
The YUV color $[91.7170, -17.6085, 1.1252]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[62.2830, 17.6085, -1.1252]$, and the grayscale version is $[92.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[142.3750, -18.9189, 1.4251]$, and $[45.6460, -16.5875, 0.3105]$ is the 20% darker color. If you saturate the color by 10%, you get $[90.2780, -21.8291, 1.5102]$, and if you desaturate by 10%, it is $[93.1560, -13.3879, 0.7402]$.

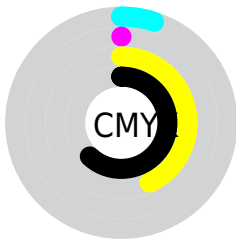
Distribution



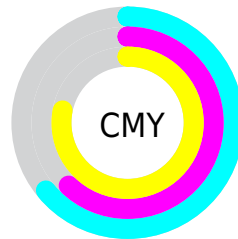
- Red (36%)
- Green (38%)
- Blue (22%)



- Red (22%)
- Yellow (38%)
- Blue (24%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7170, -17.6085, 1.1252 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 91.7170, -17.6085, 1.1252 by changing the saturation by 10% instead.

91.7170, -17.6085,
1.1252

91.7170, -17.6085,
1.1252

255.0000, 0.0000,
0.0000

67.9450, -16.7349,
0.9252

142.3750,
-18.9189, 1.4251

45.6460, -16.5875,
0.3105

168.5600,
-19.5031, 2.1399

25.6720, -12.6563,
-0.5893

196.0330,
-20.2293, 1.7251

0.5870, -0.2894,
-0.5148

224.2180,
-20.8135, 2.4398

0.0000, 0.0000,
0.0000

249.8700,
-19.6559, 4.4990

253.0620, -7.4256,

1.6996

■ 91.7170, -17.6085,
1.1252

■ 91.7170, -17.6085,
1.1252

■ 90.2780, -21.8291,
1.5102

■ 93.1560, -13.3879,
0.7402

■ 88.8390, -26.0496,
1.8952

■ 94.5950, -9.1673,
0.3552

■ 87.5140, -29.8334,
2.1802

■ 96.2190, -5.5310,
0.6849

■ 85.7760, -33.9066,
1.9504

■ 97.6580, -1.3104,
0.2999

■ 84.3370, -38.1271,
2.3355

■ 99.0970, 2.9102,
-0.0851

■ 83.2400, -41.0373,
2.4205

■ 100.5360, 7.1308,
-0.4701

■ 101.9750, 11.3513,
-0.8551

■ 103.3000, 15.1351,
-1.1401

■ 105.0380, 19.2083,
-0.9103

Harmonies

Analogous

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



93.3600, -19.4045, 17.2243



91.7170, -17.6085, 1.1252



88.9580, -9.8393, -17.5032

Triad

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



91.7170, -17.6085, 1.1252



79.6090, 22.8708, -55.7851



96.7570, 2.0918, 29.1541

Complementary

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



91.7170, -17.6085, 1.1252



62.2830, 17.6085, -1.1252

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.



97.3730, 11.1551, 15.4589



91.7170, -17.6085, 1.1252



89.3610, 22.5000, -30.1346

Square

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



91.7170, -17.6085, 1.1252



76.7520, 15.8983, -59.4185



95.0760, 18.2035, -5.3287



95.6730, -7.2338, 33.6128

Rectangle

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



91.7170, -17.6085, 1.1252



86.4170, -2.6706, -30.1837



95.0760, 18.2035, -5.3287



97.2450, 5.3022, 26.0951

Sweetspot

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



91.7170, -17.6085, 1.1252



125.4640, -7.1308, 0.4701



71.4930, -7.6380, 23.2466



62.5610, -4.2206, 0.3850



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



91.7170, -17.6085, 1.1252



118.0840, -27.6494, 1.6803



85.4380, -14.5129, -11.7851



47.5440, -1.7472, 0.3999



95.3450, -47.0051, 3.2054



203.9690, -100.5567, 6.1662

Inverse Universe

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



62.2830, 17.6085, -1.1252



71.9160, 27.6494, -1.6803



68.5620, 14.5129, 11.7851



44.4560, 1.7472, -0.3999



16.6550, 47.0051, -3.2054



36.0310, 100.5567, -6.1662

Previews

White Background



This preview shows how the YUV color 91.7170, -17.6085, 1.1252 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 91.7170, -17.6085, 1.1252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

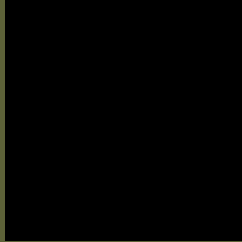
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7170, -17.6085, 1.1252

Background



This preview shows how black text looks on a background with the YUV color 91.7170, -17.6085, 1.1252.



This preview shows how white text looks on a background with the YUV color 91.7170, -17.6085,

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

91.7170, -17.6085, 1.1252

Protanopia

93.1310, -18.7986, 9.5321

Deuteranopia

93.8270, -17.6627, 18.5687



Tritanopia

95.2930, 2.3206, 2.3740

Trichromacy



Original Color

91.7170, -17.6085, 1.1252

Protanomaly

92.5220, -18.4983, 6.5582

Deuteranomaly

93.0820, -17.7884, 12.2061

Tritanomaly

94.0450, -4.9522, 1.7145

Monochromacy



Original Color

91.7170, -17.6085, 1.1252

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.6920, -6.2572, 0.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7170, -17.6085, 1.1252 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(93, 98, 56)` looks like.

```
.text, #text, p{  
    color:rgb(93, 98, 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(93, 98, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 98, 56) }
```

Border

The CSS property to change the border of an element to YUV 91.7170, -17.6085, 1.1252 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(93, 98, 56) }
```


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

```
.border{ border-color:rgb(93, 98, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 98, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 98, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 98, 56);  
box-shadow:4px 4px 4px 4px rgb(93, 98, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 91.7170, -17.6085, 1.1252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 98, 56) }
```

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

```
.background{ background-color: rgb(93, 98,  
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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