

Converting Colors

YUV(95.9930, -15.7725,
65.7811)

Have a look what the booklet for
YUV(95.9930, -15.7725, 65.7811)
contains.

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Color

**YUV(95.9930, -15.7725,
65.7811)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4040
RGB	171, 64, 64
RGB Percent	67%, 25%, 25%
CMY	0.3294, 0.7490, 0.7490
CMYK	0.00, 0.63, 0.63, 0.33
HSL	0°, 46%, 46%
HSV	0°, 63%, 67%
XYZ	19.5534, 12.6949, 6.2703
YIQ	95.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

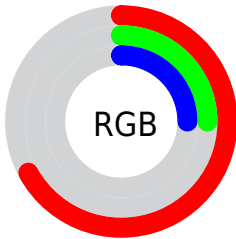
Format	Color
R_{YB}	171, 64, 64
Decimal	11223104
CIE _{Lab}	42.30, 43.87, 23.28
CIE _{LCh}	42, 49.668, 27.955
Yxy	12.6949, 0.5076, 0.3296
Android (android.graphics.Color)	4289413184 (0xFFAB4040)
YUV	95.9930, -15.7725, 65.7811
Hunter-Lab	35.6299, 35.6071, 14.5069

Details

The YUV color **95.9930, -15.7725, 65.7811** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **139.0070, 15.7725, -65.7811**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9290, -18.6990, 71.0993**, and **37.4690, -7.6262, 66.2407** is the 20% darker color. If you saturate the color by 10%, you get **84.0760, -18.2785, 76.2323**, and if you desaturate by 10%, it is **107.9100, -13.2666, 55.3299**.

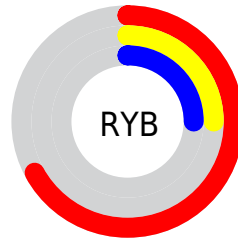
Distribution



Red (67%)

Green (25%)

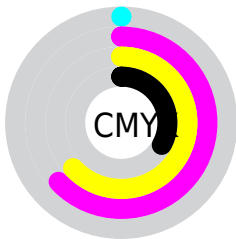
Blue (25%)



Red (67%)

Yellow (25%)

Blue (25%)

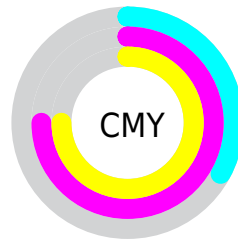


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (33%)



Cyan (33%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 95.9930, -15.7725, 65.7811 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 95.9930, -15.7725, 65.7811 by changing the saturation by 10% instead.


 95.9930, -15.7725,
65.7811

 95.9930, -15.7725,
65.7811


255.0000, 0.0000,
0.0000


 68.9650, -13.2937,
64.0517


 149.9290,
-18.6990, 71.0993


 37.4690, -7.6262,
66.2407


 175.8040,
-19.1304, 69.4549

 25.4150, -12.5296,
52.2560

 195.2040,
-15.8766, 52.4411

 17.4560, -8.1128,
35.5571

 214.8320,
-11.7492, 35.2273

 6.8770, -3.3904,
14.1399

 234.3460, -8.0586,
18.1136

 0.0000, 0.0000,
0.0000

 254.0880, -3.4944,

0.7998

■ 95.9930, -15.7725,
65.7811

■ 95.9930, -15.7725,
65.7811

■ 84.0760, -18.2785,
76.2323

■ 107.9100,
-13.2666, 55.3299

■ 72.1590, -20.7844,
86.6836

■ 119.8270,
-10.7607, 44.8787

■ 60.2420, -23.2903,
97.1348

■ 131.7440, -8.2548,
34.4275

■ 51.1290, -25.2066,
105.1269

■ 143.6610, -5.7489,
23.9763

■ 155.5780, -3.2430,
13.5251

■ 168.1960, -0.5896,
2.4591

■ 180.1130, 1.9163,
-7.9921

■ 192.0300, 4.4222,
-18.4433

■ 203.9470, 6.9281,
-28.8945

Harmonies

Analogous

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



97.3190, 3.2937, 63.7412



95.9930, -15.7725, 65.7811



96.4860, -33.7636, 49.5628

Triad

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



95.9930, -15.7725, 65.7811



76.3520, -11.0195, -59.0677



82.9700, 48.8218, -72.7647

Complementary

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



95.9930, -15.7725, 65.7811



139.0070, 15.7725, -65.7811

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.



86.7710, 40.5389, -76.0982



95.9930, -15.7725, 65.7811



80.7970, 7.4951, -70.8590

Square

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



95.9930, -15.7725, 65.7811



90.3250, -36.6422, -7.3010



85.4710, 25.4038, -74.9581



100.3590, 35.8120, -6.4538

Rectangle

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



95.9930, -15.7725, 65.7811



94.7540, -43.7557, 34.4187



85.4710, 25.4038, -74.9581



84.5030, 47.0800, -74.1091

Sweetspot

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



95.9930, -15.7725, 65.7811



192.5580, -6.1911, 25.8206



108.1910, 30.9648, 55.0835



93.7740, -3.8326, 15.9842



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



95.9930, -15.7725, 65.7811



104.9330, -24.6170, 102.6678



127.1040, -31.1103, 38.4968



80.6910, -1.3267, 5.5330



44.8500, -22.1110, 92.2166



6.8770, -3.3904, 14.1399

Inverse Universe

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



139.0070, 15.7725, -65.7811



172.0670, 24.6170, -102.6678



107.3090, 31.3997, -37.9820



84.3090, 1.3267, -5.5330



105.1500, 22.1110, -92.2166



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 95.9930, -15.7725, 65.7811 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 95.9930, -15.7725, 65.7811 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 95.9930, -15.7725, 65.7811 Background



This preview shows how black text looks on a background with the YUV color 95.9930, -15.7725, 65.7811.



This preview shows how white text looks on a background with the YUV color 95.9930, -15.7725,

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

95.9930, -15.7725, 65.7811

Protanopia

99.6990, -10.2046, 6.4030

Deuteranopia

99.5560, -19.9941, 19.6834



Tritanopia

95.7480, -14.1728, 65.9960

Trichromacy



Original Color

95.9930, -15.7725, 65.7811

Protanomaly

98.3750, -12.0169, 27.7351

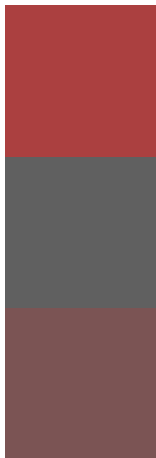
Deuteranomaly

98.1220, -18.3011, 36.7270

Tritanomaly

95.6340, -14.6096, 66.0960

Monochromacy



Original Color

95.9930, -15.7725, 65.7811

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6610, -5.7489, 23.9763

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9930, -15.7725, 65.7811 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(171, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(171, 64, 64)  
}
```

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(171, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 64, 64) }
```

Border

The CSS property to change the border of an element to YUV 95.9930, -15.7725, 65.7811 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(171, 64, 64) }
```


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

```
.border{ border-color:rgb(171, 64, 64) }
```

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

Here you see how a box with a 4 pixel rgb(171, 64, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(171, 64,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 95.9930, -15.7725, 65.7811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 64, 64) }
```

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

```
.background{ background-color: rgb(171, 64,  
64) }
```

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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