

Converting Colors

YUV(95.6110, -13.1192,
54.7152)

Have a look what the booklet for
YUV(95.6110, -13.1192, 54.7152)
contains.

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Color

**YUV(95.6110, -13.1192,
54.7152)**

Conversions

Conversions Part 1

Format	Color
Hex	9E4545
RGB	158, 69, 69
RGB Percent	62%, 27%, 27%
CMY	0.3804, 0.7294, 0.7294
CMYK	0.00, 0.56, 0.56, 0.38
HSL	0°, 39%, 45%
HSV	0°, 56%, 62%
XYZ	17.3029, 11.9550, 7.0258
YIQ	95.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

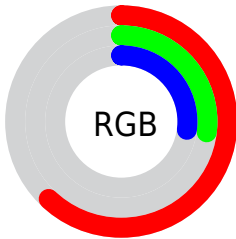
Format	Color
R _Y B	158, 69, 69
Decimal	10372421
CIE Lab	41.14, 37.06, 18.31
CIE LCh	41, 41.338, 26.286
Yxy	11.9550, 0.4769, 0.3295
Android (android.graphics.Color)	4288562501 (0xFF9E4545)
YUV	95.6110, -13.1192, 54.7152
Hunter-Lab	34.5760, 28.8186, 12.1556

Details

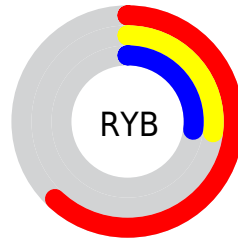
The YUV color **95.6110, -13.1192, 54.7152** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **131.3890, 13.1192, -54.7152**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3620, -15.4615, 59.3185**, and **43.4410, -8.5984, 51.3562** is the 20% darker color. If you saturate the color by 10%, you get **84.3950, -15.4777, 64.5516**, and if you desaturate by 10%, it is **106.8270, -10.7607, 44.8787**.

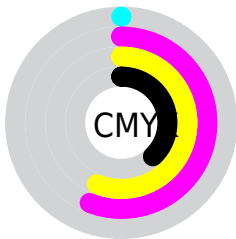
Distribution



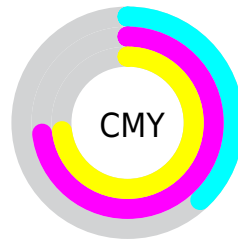
- Red (62%)
- Green (27%)
- Blue (27%)



- Red (62%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (38%)



- Cyan (38%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.6110, -13.1192, 54.7152 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 95.6110, -13.1192, 54.7152 by changing the saturation by 10% instead.

■ 95.6110, -13.1192,
54.7152

■ 95.6110, -13.1192,
54.7152

255.0000, 0.0000,
0.0000

■ 70.0560, -11.3666,
52.5709

■ 148.3620,
-15.4615, 59.3185

■ 43.4410, -8.5984,
51.3562

■ 176.1450,
-16.3405, 61.2628

■ 22.4250, -11.0555,
46.1083

■ 197.6490,
-14.1240, 50.2968

■ 15.0640, -6.9336,
30.6389

■ 217.1630,
-10.4334, 33.1830

■ 0.0000, 0.0000,
0.0000

■ 236.7910, -6.3060,
15.9693

254.7720, -0.8736,

0.2000

■ 95.6110, -13.1192,
54.7152

■ 95.6110, -13.1192,
54.7152

■ 84.3950, -15.4777,
64.5516

■ 106.8270,
-10.7607, 44.8787

■ 73.1790, -17.8362,
74.3880

■ 118.0430, -8.4022,
35.0423

■ 62.6640, -20.0474,
83.6097

■ 128.5580, -6.1911,
25.8206

■ 51.4480, -22.4059,
93.4461

■ 139.7740, -3.8326,
15.9842

■ 47.2420, -23.2903,
97.1348

■ 150.9900, -1.4741,
6.1478

■ 162.2060, 0.8844,
-3.6887

■ 173.4220, 3.2430,
-13.5251

■ 183.9370, 5.4541,
-22.7467

■ 195.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



97.1280, 2.8949, 51.6307



95.6110, -13.1192, 54.7152



95.2770, -26.7586, 42.7301

Triad

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



95.6110, -13.1192, 54.7152



83.1420, -12.3950, -37.8355



78.6840, 42.5538, -69.0059

Complementary

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



95.6110, -13.1192, 54.7152



131.3890, 13.1192, -54.7152

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.



82.0120, 34.9971, -71.9245



95.6110, -13.1192, 54.7152



76.8190, 7.4842, -67.3703

Square

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



95.6110, -13.1192, 54.7152



90.2960, -29.2329, -3.7676



80.6950, 22.3354, -70.7695



98.0510, 29.5549, -6.1837

Rectangle

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



95.6110, -13.1192, 54.7152



94.2940, -32.6829, 29.5602



80.6950, 22.3354, -70.7695



80.2170, 40.8120, -70.3503

Sweetspot

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



95.6110, -13.1192, 54.7152



181.7640, -5.3067, 22.1320



105.7570, 25.7558, 45.8171



90.2790, -3.0955, 12.9103



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



95.6110, -13.1192, 54.7152



108.1590, -20.7844, 86.6836



122.0260, -26.1418, 31.5492



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



4.4850, -2.2111, 9.2217

Inverse Universe

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



131.3890, 13.1192, -54.7152



164.8410, 20.7844, -86.6836



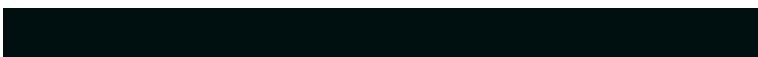
105.5610, 25.8524, -32.0640



76.6080, 1.1793, -4.9182



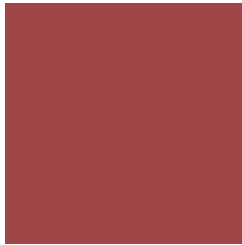
100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 95.6110, -13.1192, 54.7152 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 95.6110, -13.1192, 54.7152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

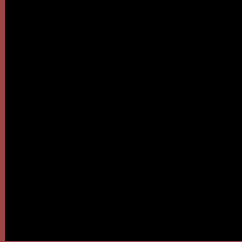
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.6110, -13.1192, 54.7152

Background



This preview shows how black text looks on a background with the YUV color 95.6110, -13.1192, 54.7152.



This preview shows how white text looks on a background with the YUV color 95.6110, -13.1192,

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

95.6110, -13.1192, 54.7152

Protanopia

97.0840, -7.4364, 5.1883

Deuteranopia

96.9840, -15.7681, 17.5540



Tritanopia

95.4800, -11.0826, 54.8300

Trichromacy



Original Color

95.6110, -13.1192, 54.7152

Protanomaly

96.6240, -9.6746, 23.1318

Deuteranomaly

96.3000, -14.9379, 31.3089

Tritanomaly

95.3660, -11.5194, 54.9300

Monochromacy



Original Color

95.6110, -13.1192, 54.7152

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8670, -4.8644, 20.2876

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.6110, -13.1192, 54.7152 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(158, 69, 69)` looks like.

```
.text, #text, p{  
    color:rgb(158, 69, 69)  
}
```

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(158, 69, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 69, 69) }
```

Border

The CSS property to change the border of an element to YUV 95.6110, -13.1192, 54.7152 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(158, 69, 69) }
```


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

```
.border{ border-color:rgb(158, 69, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 69, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 69, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 69, 69);  
box-shadow:4px 4px 4px 4px rgb(158, 69,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 95.6110, -13.1192, 54.7152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 69, 69) }
```

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

```
.background{ background-color: rgb(158, 69,  
69) }
```

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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