

Converting Colors

YUV(90.3450, -12.9881,
59.3334)

Have a look what the booklet for
YUV(90.3450, -12.9881, 59.3334)
contains.

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Color

**YUV(90.3450, -12.9881,
59.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3D40
RGB	158, 61, 64
RGB Percent	62%, 24%, 25%
CMY	0.3804, 0.7608, 0.7490
CMYK	0.00, 0.61, 0.59, 0.38
HSL	358°, 44%, 43%
HSV	358°, 61%, 62%
XYZ	16.6947, 10.9768, 6.0893
YIQ	90.3450, 56.8490, 21.4970

Conversions

Conversions Part 2

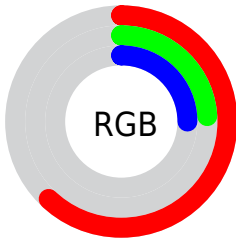
Format	Color
RYB	158, 61, 64
Decimal	10370368
CIELab	39.54, 40.61, 19.28
CIElCh	40, 44.957, 25.391
Yxy	10.9768, 0.4945, 0.3251
Android (android.graphics.Color)	4288560448 (0xFF9E3D40)
YUV	90.3450, -12.9881, 59.3334
Hunter-Lab	33.1312, 31.9661, 12.2947

Details

The YUV color **90.3450, -12.9881, 59.3334** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **128.6550, 12.9881, -59.3334**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9820, -15.7671, 64.0368**, and **33.8810, -5.8573, 58.8634** is the 20% darker color. If you saturate the color by 10%, you get **79.2430, -14.9098, 69.0699**, and if you desaturate by 10%, it is **101.4470, -11.0664, 49.5970**.

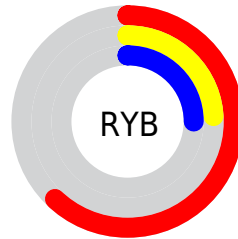
Distribution



Red (62%)

Green (24%)

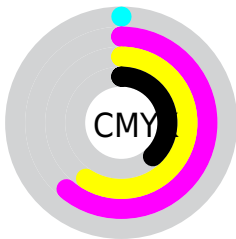
Blue (25%)



Red (62%)

Yellow (24%)

Blue (25%)

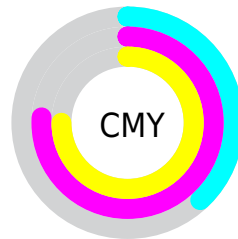


Cyan (0%)

Magenta (61%)

Yellow (59%)

Black (38%)



Cyan (38%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3450, -12.9881, 59.3334 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 90.3450, -12.9881, 59.3334 by changing the saturation by 10% instead.

■ 90.3450, -12.9881,
59.3334

■ 90.3450, -12.9881,
59.3334

■ 255.0000, 0.0000,
0.0000

■ 63.9040, -10.7987,
57.0892

■ 143.9820,
-15.7671, 64.0368

■ 33.8810, -5.8573,
58.8634

■ 171.0640,
-16.7936, 66.5959

■ 22.1260, -10.9081,
45.4935

■ 192.2690,
-14.4296, 55.0151

■ 14.8790, -6.3493,
29.9241

■ 211.7830,
-10.7390, 37.9013

■ 0.0000, 0.0000,
0.0000

■ 231.9980, -6.9010,
20.1728

■ 252.3270, -2.6262,

2.3442

■ 90.3450, -12.9881,
59.3334

■ 90.3450, -12.9881,
59.3334

■ 79.2430, -14.9098,
69.0699

■ 101.4470,
-11.0664, 49.5970

■ 68.0270, -17.2683,
78.9063

■ 112.6630, -8.7079,
39.7605

■ 57.5120, -19.4794,
88.1280

■ 123.1780, -6.4968,
30.5389

■ 47.8120, -21.1063,
96.6349

■ 134.2800, -4.5750,
20.8024

■ 145.4960, -2.2165,
10.9660

■ 156.5980, -0.2948,
1.2296

■ 167.7000, 1.6269,
-8.5069

■ 178.2150, 3.8380,
-17.7286

■ 189.4310, 6.1965,
-27.5650

Harmonies

Analogous

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



92.0900, 3.8996, 56.0491



90.3450, -12.9881, 59.3334



90.4300, -28.8060, 46.1039

Triad

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



90.3450, -12.9881, 59.3334



77.0660, -13.8365, -42.1539



77.0370, 43.8588, -67.5614

Complementary

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



90.3450, -12.9881, 59.3334



128.6550, 12.9881, -59.3334

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.



80.2510, 35.8653, -70.3801



90.3450, -12.9881, 59.3334



74.3740, 5.7316, -65.2260

Square

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



90.3450, -12.9881, 59.3334



84.9710, -33.0167, -3.4826



78.7060, 22.3299, -69.0252



93.5390, 32.7653, -9.2427

Rectangle

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



90.3450, -12.9881, 59.3334



89.2790, -36.6195, 32.2043



78.7060, 22.3299, -69.0252



78.5700, 42.1170, -68.9059

Sweetspot

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



90.3450, -12.9881, 59.3334



180.5900, -4.7279, 23.1616



100.1640, 28.5131, 48.0912



88.8770, -3.3904, 14.1399



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.



90.3450, -12.9881, 59.3334



100.2030, -20.8061, 93.6610



116.4180, -27.3211, 36.4674



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217

Inverse Universe

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



90.3450, -12.9881, 59.3334



100.2030, -20.8061, 93.6610



102.5820, 27.3211, -36.4674



73.3920, -1.1793, 4.9182



43.2130, -19.3320, 87.5132



4.4850, -2.2111, 9.2217

Previews

White Background



This preview shows how the YUV color 90.3450, -12.9881, 59.3334 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 90.3450, -12.9881, 59.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

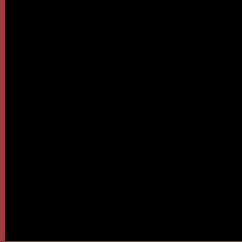
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3450, -12.9881, 59.3334

Background



This preview shows how black text looks on a background with the YUV color 90.3450, -12.9881, 59.3334.



This preview shows how white text looks on a background with the YUV color 90.3450, -12.9881,

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

90.3450, -12.9881, 59.3334

Protanopia

93.6710, -7.7258, 4.6735

Deuteranopia

93.3430, -16.9311, 17.2392



Tritanopia

90.4590, -12.5513, 59.2335

Trichromacy



Original Color

90.3450, -12.9881, 59.3334

Protanomaly

92.3360, -9.5326, 24.2613

Deuteranomaly

91.8980, -15.2327, 32.5385

Tritanomaly

90.4590, -12.5513, 59.2335

Monochromacy



Original Color

90.3450, -12.9881, 59.3334

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9920, -4.4331, 21.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3450, -12.9881, 59.3334 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, 61, 64)` looks like.

```
.text, #text, p{  
    color:rgb(158, 61, 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(158, 61, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 61, 64) }
```

Border

The CSS property to change the border of an element to YUV 90.3450, -12.9881, 59.3334 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, 61, 64) }
```


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

```
.border{ border-color:rgb(158, 61, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 61, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 61, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 61, 64);  
box-shadow:4px 4px 4px 4px rgb(158, 61,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 90.3450, -12.9881, 59.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 61, 64) }
```

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

```
.background{ background-color: rgb(158, 61,  
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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