

Converting Colors

YUV(90.2390, -22.3028,
60.3034)

Have a look what the booklet for
YUV(90.2390, -22.3028, 60.3034)
contains.

YUV(90.2390, -22.3028, 60.3034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.2390, -22.3028,
60.3034)**

Conversions

Conversions Part 1

Format	Color
Hex	9F402D
RGB	159, 64, 45
RGB Percent	62%, 25%, 18%
CMY	0.3765, 0.7490, 0.8235
CMYK	0.00, 0.60, 0.72, 0.38
HSL	10°, 56%, 40%
HSV	10°, 72%, 62%
XYZ	16.6051, 11.2272, 3.7745
YIQ	90.2390, 62.7190, 14.2310

Conversions

Conversions Part 2

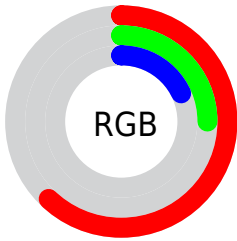
Format	Color
R_{YB}	159, 68, 45
Decimal	10436653
CIE _{Lab}	39.96, 38.31, 31.27
CIE _{LCh}	40, 49.449, 39.227
Yxy	11.2272, 0.5254, 0.3552
Android (android.graphics.Color)	4288626733 (0xFF9F402D)
YUV	90.2390, -22.3028, 60.3034
Hunter-Lab	33.5070, 29.8224, 16.7760

Details

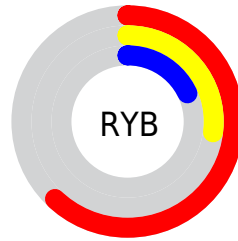
The YUV color **90.2390, -22.3028, 60.3034** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **113.7610, 22.3028, -60.3034**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4740, -25.3767, 66.2363**, and **35.4820, -17.4926, 57.4593** is the 20% darker color. If you saturate the color by 10%, you get **80.7840, -25.5295, 68.5954**, and if you desaturate by 10%, it is **99.6940, -19.0761, 52.0114**.

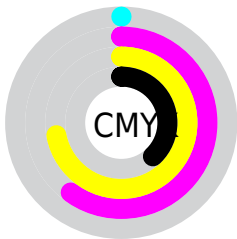
Distribution



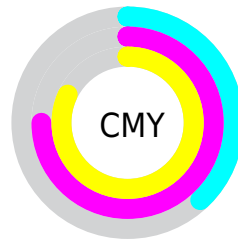
- Red (62%)
- Green (25%)
- Blue (18%)



- Red (62%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (38%)





- Cyan (38%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.2390, -22.3028, 60.3034 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 90.2390, -22.3028, 60.3034 by changing the saturation by 10% instead.


 90.2390, -22.3028,
60.3034


 90.2390, -22.3028,
60.3034


255.0000, 0.0000,
0.0000


 64.3850, -20.4028,
57.5444


 143.4740,
-25.3767, 66.2363


 35.4820, -17.4926,
57.4593

 171.0290,
-27.1293, 68.3806

 21.8270, -10.7607,
44.8787

 191.6360,
-24.4705, 55.5702

 14.8790, -6.3493,
29.9241

 211.1500,
-20.7799, 38.4565

 0.0000, 0.0000,
0.0000

 230.6640,
-17.0894, 21.3427

 250.8790,

-13.2513, 3.6141

254.7720, -0.8736,
0.2000

■ 90.2390, -22.3028,
60.3034

■ 90.2390, -22.3028,
60.3034

■ 80.7840, -25.5295,
68.5954

■ 99.6940, -19.0761,
52.0114

■ 70.7420, -28.4668,
77.4023

■ 109.7360,
-16.1388, 43.2045

■ 62.8030, -30.9619,
84.3648

■ 119.1910,
-12.9122, 34.9125

■ 128.6460, -9.6855,
26.6205

■ 138.1010, -6.4588,
18.3284

■ 148.0290, -3.9583,
9.6216

■ 157.4840, -0.7316,
1.3295

■ 166.9390, 2.4951,
-6.9625

■ 176.3940, 5.7218,
-15.2545

Harmonies

Analogous

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



89.6200, -3.2637, 66.9853



90.2390, -22.3028, 60.3034



89.8240, -39.8462, 40.4964

Triad

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



90.2390, -22.3028, 60.3034



72.4530, -4.1673, -63.5413



75.9000, 48.3633, -65.6873

Complementary

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



90.2390, -22.3028, 60.3034



113.7610, 22.3028, -60.3034

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.



81.6020, 43.5802, -71.5650



90.2390, -22.3028, 60.3034



78.4150, 13.5994, -68.7700

Square

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



90.2390, -22.3028, 60.3034



82.3000, -28.7419, -21.3111



82.1600, 30.4871, -72.0543



96.8730, 29.6426, 12.3894

Rectangle

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



90.2390, -22.3028, 60.3034



88.0900, -43.4284, 22.7231



82.1600, 30.4871, -72.0543



78.0630, 47.7899, -68.4613

Sweetspot

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



90.2390, -22.3028, 60.3034



179.4500, -9.0958, 24.1614



89.9160, 24.6914, 60.5867



88.3070, -5.5744, 14.6398



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.



90.2390, -22.3028, 60.3034



99.8320, -34.9202, 93.9863



123.6980, -38.7981, 30.9599



73.9790, -1.4686, 4.4034



56.8450, -28.0246, 75.5579



6.2460, -3.0793, 7.6773

Inverse Universe

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



113.7610, 22.3028, -60.3034



136.1680, 34.9202, -93.9863



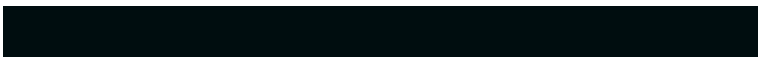
80.3020, 38.7981, -30.9599



76.0210, 1.4686, -4.4034



86.1550, 28.0246, -75.5579



9.3410, 2.7899, -8.1921

Previews

White Background



This preview shows how the YUV color 90.2390, -22.3028, 60.3034 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 90.2390, -22.3028, 60.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

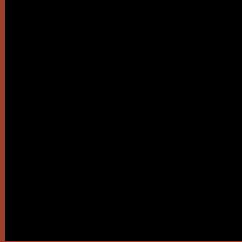
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.2390, -22.3028, 60.3034

Background



This preview shows how black text looks on a background with the YUV color 90.2390, -22.3028, 60.3034.



This preview shows how white text looks on a background with the YUV color 90.2390, -22.3028,

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

90.2390, -22.3028, 60.3034

Protanopia

93.1310, -18.7986, 9.5321

Deuteranopia

92.5580, -26.4041, 22.3126



Tritanopia

91.0570, -12.8461, 60.4630

Trichromacy



Original Color

90.2390, -22.3028, 60.3034

Protanomaly

92.1980, -20.3106, 27.8904

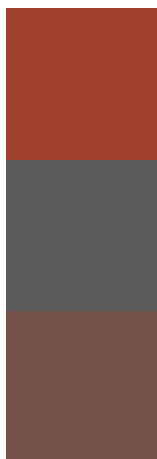
Deuteranomaly

91.9880, -25.1371, 35.9675

Tritanomaly

90.8460, -16.1931, 60.6481

Monochromacy



Original Color

90.2390, -22.3028, 60.3034

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.3680, -8.0694, 21.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.2390, -22.3028, 60.3034 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(159, 64, 45)` looks like.

```
.text, #text, p{  
    color:rgb(159, 64, 45)  
}
```

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(159, 64, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 64, 45) }
```

Border

The CSS property to change the border of an element to YUV 90.2390, -22.3028, 60.3034 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(159, 64, 45) }
```


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

```
.border{ border-color:rgb(159, 64, 45) }
```

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

Here you see how a box with a 4 pixel rgb(159, 64, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 64, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 64, 45);  
box-shadow:4px 4px 4px 4px rgb(159, 64,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 90.2390, -22.3028, 60.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 64, 45) }
```

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

```
.background{ background-color: rgb(159, 64,  
45) }
```

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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