

Converting Colors

YUV(78.6360, -21.0195,
68.7252)

Have a look what the booklet for
YUV(78.6360, -21.0195, 68.7252)
contains.

YUV(78.6360, -21.0195, 68.7252)	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(78.6360, -21.0195,
68.7252)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F24
RGB	157, 47, 36
RGB Percent	62%, 18%, 14%
CMY	0.3843, 0.8157, 0.8588
CMYK	0.00, 0.70, 0.77, 0.38
HSL	5°, 63%, 38%
HSV	5°, 77%, 62%
XYZ	15.2396, 9.3285, 2.6664
YIQ	78.6360, 69.0910, 19.8990

Conversions

Conversions Part 2

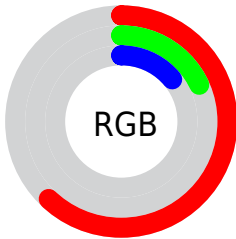
Format	Color
RYB	157, 48, 36
Decimal	10301220
CIELab	36.61, 44.87, 32.63
CIElCh	37, 55.477, 36.023
Yxy	9.3285, 0.5596, 0.3425
Android (android.graphics.Color)	4288491300 (0xFF9D2F24)
YUV	78.6360, -21.0195, 68.7252
Hunter-Lab	30.5426, 35.6151, 16.2037

Details

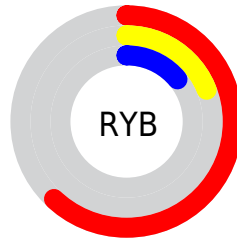
The YUV color **78.6360, -21.0195, 68.7252** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **114.3640, 21.0195, -68.7252**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2300, -25.2564, 74.3433**, and **29.3020, -14.4459, 60.2481** is the 20% darker color. If you saturate the color by 10%, you get **68.5940, -23.9568, 77.5321**, and if you desaturate by 10%, it is **88.6780, -18.0823, 59.9184**.

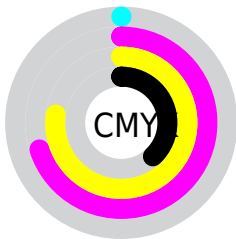
Distribution



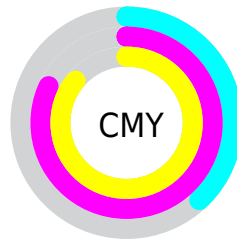
- Red (62%)
- Green (18%)
- Blue (14%)



- Red (62%)
- Yellow (19%)
- Blue (14%)



- Cyan (0%)
- Magenta (70%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.6360, -21.0195, 68.7252 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 78.6360, -21.0195, 68.7252 by changing the saturation by 10% instead.

■ 78.6360, -21.0195,
68.7252

■ 78.6360, -21.0195,
68.7252

255.0000, 0.0000,
0.0000

■ 49.6620, -17.0884,
67.8254

■ 133.2300,
-25.2564, 74.3433

■ 29.3020, -14.4459,
60.2481

■ 160.4970,
-26.8670, 77.6171

■ 20.6310, -10.1711,
42.4196

■ 181.5770,
-24.9345, 64.3920

■ 12.9710, -5.9017,
26.3354

■ 200.5040,
-20.9545, 47.7930

■ 0.0000, 0.0000,
0.0000

■ 220.6050,
-17.5533, 30.1644

■ 240.1190,

-13.8627, 13.0506

253.4040, -6.1152,
1.3997

78.6360, -21.0195,
68.7252

78.6360, -21.0195,
68.7252

68.5940, -23.9568,
77.5321

88.6780, -18.0823,
59.9184

58.0790, -26.1679,
86.7537

99.1930, -15.8711,
50.6967

55.1610, -27.1944,
89.3128

109.2350,
-12.9339, 41.8899

119.2770, -9.9966,
33.0831

129.3190, -7.0593,
24.2762

■ 139.8340, -4.8482,
15.0546

■ 149.8760, -1.9109,
6.2477

■ 159.9180, 1.0264,
-2.5591

■ 169.8460, 3.5269,
-11.2659

Harmonies

Analogous

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



75.3530, 1.7980, 76.8664



78.6360, -21.0195, 68.7252



80.8570, -39.8625, 45.7294

Triad

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



78.6360, -21.0195, 68.7252



65.8190, -9.2778, -57.7233



72.3070, 51.1206, -63.4132

Complementary

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



78.6360, -21.0195, 68.7252



114.3640, 21.0195, -68.7252

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.



77.8520, 44.4430, -68.2762



78.6360, -21.0195, 68.7252



72.9380, 10.3836, -63.9666

Square

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



78.6360, -21.0195, 68.7252



72.1770, -35.5833, -20.3262



77.3670, 29.8921, -67.8509



87.9200, 35.0424, 7.0862

Rectangle

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



78.6360, -21.0195, 68.7252



81.0240, -39.9448, 25.4120



77.3670, 29.8921, -67.8509



75.2420, 49.6737, -65.9872

Sweetspot

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



78.6360, -21.0195, 68.7252



173.4010, -8.0857, 26.8353



84.8330, 30.6483, 63.2905



83.4320, -5.1430, 16.2841



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



78.6360, -21.0195, 68.7252



82.1910, -32.6322, 106.8265



113.8560, -38.3830, 37.8373



73.9790, -1.4686, 4.4034



50.3880, -24.8413, 81.2207



5.0720, -2.5005, 8.7069

Inverse Universe

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



114.3640, 21.0195, -68.7252



137.8090, 32.6322, -106.8265



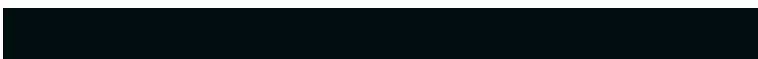
79.1440, 38.3830, -37.8373



76.0210, 1.4686, -4.4034



92.6120, 24.8413, -81.2207



9.9280, 2.5005, -8.7069

Previews

White Background



This preview shows how the YUV color 78.6360, -21.0195, 68.7252 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 ✓ Pass

Black Background



This preview shows how the YUV color 78.6360, -21.0195, 68.7252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

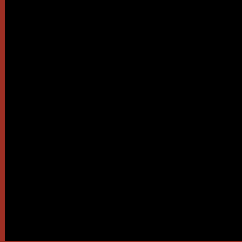
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.6360, -21.0195, 68.7252

Background



This preview shows how black text looks on a background with the YUV color 78.6360, -21.0195, 68.7252.



This preview shows how white text looks on a background with the YUV color 78.6360, -21.0195,

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

78.6360, -21.0195, 68.7252

Protanopia

85.2450, -18.3618, 9.4321

Deuteranopia

84.5040, -27.8565, 21.4830



Tritanopia

78.8300, -15.1992, 68.5551

Trichromacy



Original Color

78.6360, -21.0195, 68.7252

Protanomaly

82.5620, -19.0111, 31.0791

Deuteranomaly

82.2980, -25.2899, 38.3267

Tritanomaly

78.9610, -17.2358, 68.4402

Monochromacy



Original Color

78.6360, -21.0195, 68.7252

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.5040, -7.6435, 24.9910

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.6360, -21.0195, 68.7252 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(157, 47, 36)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 36)  
}
```

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(157, 47, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 36) }
```

Border

The CSS property to change the border of an element to YUV 78.6360, -21.0195, 68.7252 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(157, 47, 36) }
```


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

```
.border{ border-color:rgb(157, 47, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 47, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 36);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 78.6360, -21.0195, 68.7252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 36) }
```

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

```
.background{ background-color: rgb(157, 47,  
36) }
```

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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