

Converting Colors

YUV(77.9250, 6.9390, -32.3832)

Have a look what the booklet for
YUV(77.9250, 6.9390, -32.3832)
contains.

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Color

**YUV(77.9250, 6.9390,
-32.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	295E5C
RGB	41, 94, 92
RGB Percent	16%, 37%, 36%
CMY	0.8392, 0.6314, 0.6392
CMYK	0.56, 0.00, 0.02, 0.63
HSL	178°, 39%, 26%
HSV	178°, 56%, 37%
XYZ	6.8489, 9.2495, 11.5496
YIQ	77.9250, -30.9460, -11.8580

Conversions

Conversions Part 2

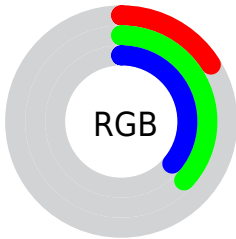
Format	Color
R_{YB}	41, 68, 94
Decimal	2711132
CIE Lab	36.46, -18.06, -4.23
CIE LCh	36, 18.546, 193.170
Yxy	9.2495, 0.2477, 0.3345
Android (android.graphics.Color)	4280901212 (0xFF295E5C)
YUV	77.9250, 6.9390, -32.3832
Hunter-Lab	30.4130, -13.0252, -1.2267

Details

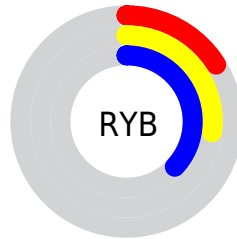
The YUV color **77.9250, 6.9390, -32.3832** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.0750, -6.9390, 32.3832**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.8110, 6.5022, -32.2832**, and **33.4200, 6.2019, -29.3093** is the 20% darker color. If you saturate the color by 10%, you get **75.2340, 8.2656, -37.9162**, and if you desaturate by 10%, it is **80.6160, 5.6123, -26.8502**.

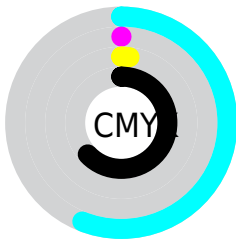
Distribution



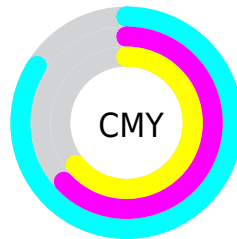
- Red (16%)
- Green (37%)
- Blue (36%)



- Red (16%)
- Yellow (27%)
- Blue (37%)



- Cyan (56%)
- Magenta (0%)
- Yellow (2%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9250, 6.9390, -32.3832 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 77.9250, 6.9390, -32.3832 by changing the saturation by 10% instead.

■ 77.9250, 6.9390,
-32.3832

■ 77.9250, 6.9390,
-32.3832

■ 255.0000, 0.0000,
0.0000

■ 52.5440, 8.1128,
-35.5571

■ 128.8110, 6.5022,
-32.2832

■ 33.4200, 6.2019,
-29.3093

■ 154.9250, 6.9390,
-32.3832

■ 19.4000, 3.2538,
-17.0138

■ 182.5120, 6.6496,
-32.8980

■ 0.0000, 0.0000,
0.0000

■ 210.2130, 6.7970,
-33.5128

■ 238.2130, 6.7970,
-33.5128

■ 246.9270, 3.9800,

-16.5990

■ 77.9250, 6.9390,
-32.3832

■ 77.9250, 6.9390,
-32.3832

■ 75.2340, 8.2656,
-37.9162

■ 80.6160, 5.6123,
-26.8502

■ 72.1300, 9.3029,
-43.9640

■ 83.7200, 4.5750,
-20.8024

■ 69.4390, 10.6296,
-49.4970

■ 86.4110, 3.2484,
-15.2694

■ 66.4490, 12.1036,
-55.6448

■ 89.4010, 1.7743,
-9.1217

■ 65.4380, 12.1091,
-57.3891

■ 92.2060, 0.8844,
-3.6887

■ 94.8970, -0.4422,
1.8443

■ 97.8870, -1.9163,
7.9921

■ 100.6920, -2.8062,
13.4251

■ 103.6820, -4.2802,
19.5729

Harmonies

Analogous

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



80.1130, -1.5347, -21.1471



77.9250, 6.9390, -32.3832



78.3360, 13.6384, -34.4977

Triad

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



77.9250, 6.9390, -32.3832



87.9760, 9.8718, 7.0370



85.8420, -13.7261, 15.9246

Complementary

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



77.9250, 6.9390, -32.3832



57.0750, -6.9390, 32.3832

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.



86.5100, -10.1114, 23.2317



77.9250, 6.9390, -32.3832



88.3320, 3.2873, 19.0028

Square

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



77.9250, 6.9390, -32.3832



85.7290, 14.4306, -8.5323



87.8290, -3.8597, 24.7060



84.4770, -13.5462, 4.8437

Rectangle

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



77.9250, 6.9390, -32.3832



80.5370, 15.5113, -28.5349



87.8290, -3.8597, 24.7060



85.7930, -12.7159, 18.5985

Sweetspot

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



77.9250, 6.9390, -32.3832



116.0200, 2.9481, -12.2955



73.0080, -15.7799, -25.4400



57.4120, 1.7689, -7.3773



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



77.9250, 6.9390, -32.3832



96.8410, 10.9244, -50.7266



64.0650, 14.7580, -20.2280



44.5050, 0.7370, -3.0739



76.6540, 14.4676, -67.2256



165.1110, 31.0043, -144.8023

Inverse Universe

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



57.0750, -6.9390, 32.3832



64.1590, -10.9244, 50.7266



70.9350, -14.7580, 20.2280



42.4950, -0.7370, 3.0739



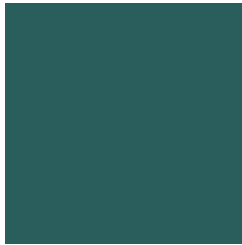
33.3460, -14.4676, 67.2256



71.8890, -31.0043, 144.8023

Previews

White Background



This preview shows how the YUV color 77.9250, 6.9390, -32.3832 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 77.9250, 6.9390, -32.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

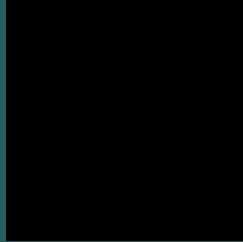
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9250, 6.9390, -32.3832

Background



This preview shows how black text looks on a background with the YUV color 77.9250, 6.9390, -32.3832.



This preview shows how white text looks on a background with the YUV color 77.9250, 6.9390,

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

77.9250, 6.9390, -32.3832

Protanopia

85.8260, 0.5788, 1.0296

Deuteranopia

86.3470, 3.7729, 3.2037



Tritanopia

79.1470, 10.2805, -30.8239

Trichromacy



Original Color

77.9250, 6.9390, -32.3832

Protanomaly

82.7320, 3.0901, -11.1660

Deuteranomaly

83.1990, 4.8319, -9.8215

Tritanomaly

78.5060, 9.1175, -31.1388

Monochromacy



Original Color

77.9250, 6.9390, -32.3832

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2050, 2.3639, -11.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9250, 6.9390, -32.3832 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(41, 94, 92)` looks like.

```
.text, #text, p{  
    color:rgb(41, 94, 92)  
}
```

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(41, 94, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 94, 92) }
```

Border

The CSS property to change the border of an element to YUV 77.9250, 6.9390, -32.3832 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(41, 94, 92) }
```


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

```
.border{ border-color:rgb(41, 94, 92) }
```

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

Here you see how a box with a 4 pixel rgb(41, 94, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 94, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 94, 92);  
box-shadow:4px 4px 4px 4px rgb(41, 94, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.9250, 6.9390, -32.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 94, 92) }
```

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

```
.background{ background-color: rgb(41, 94,  
92) }
```

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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