

Converting Colors

YUV(91.6980, -15.6271,
-27.7991)

Have a look what the booklet for
YUV(91.6980, -15.6271, -27.7991)
contains.

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Color

**YUV(91.6980, -15.6271,
-27.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	3C723C
RGB	60, 114, 60
RGB Percent	24%, 45%, 24%
CMY	0.7647, 0.5529, 0.7647
CMYK	0.47, 0.00, 0.47, 0.55
HSL	120°, 31%, 34%
HSV	120°, 47%, 45%
XYZ	8.6964, 13.3215, 6.3879
YIQ	91.6980, -14.8500, -28.2420

Conversions

Conversions Part 2

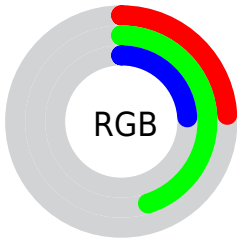
Format	Color
R_{YB}	60, 114, 114
Decimal	3961404
CIE _{Lab}	43.24, -30.06, 24.43
CIE _{LCh}	43, 38.733, 140.894
Yxy	13.3215, 0.3061, 0.4690
Android (android.graphics.Color)	4282151484 (0xFF3C723C)
YUV	91.6980, -15.6271, -27.7991
Hunter-Lab	36.4987, -21.3421, 15.1722

Details

The YUV color **91.6980, -15.6271, -27.7991** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **82.3020, 15.6271, 27.7991**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9430, -17.2269, -28.0140**, and **41.0610, -12.8481, -32.5025** is the 20% darker color. If you saturate the color by 10%, you get **87.1550, -18.8104, -33.4619**, and if you desaturate by 10%, it is **96.2410, -12.4438, -22.1364**.

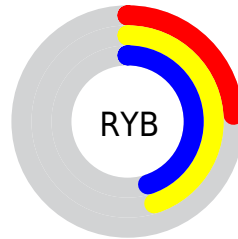
Distribution



Red (24%)

Green (45%)

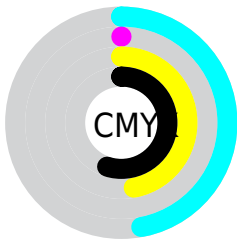
Blue (24%)



Red (24%)

Yellow (45%)

Blue (45%)

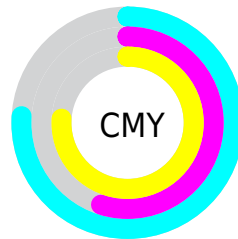


Cyan (47%)

Magenta (0%)

Yellow (47%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6980, -15.6271, -27.7991 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 91.6980, -15.6271, -27.7991 by changing the saturation by 10% instead.

91.6980, -15.6271,
-27.7991

91.6980, -15.6271,
-27.7991

255.0000, 0.0000,
0.0000

66.9260, -14.7535,
-27.9991

142.9430,
-17.2269, -28.0140

41.0610, -12.8481,
-32.5025

170.1170,
-17.8057, -29.0436

25.2410, -12.4438,
-22.1364

197.5900,
-18.5319, -29.4584

11.1530, -5.4984,
-9.7812

226.0630,
-19.2581, -29.8733

0.0000, 0.0000,
0.0000

239.9750,
-12.3127, -17.5181

251.9520, -3.9203,

-2.5889

■ 91.6980, -15.6271,
-27.7991

■ 91.6980, -15.6271,
-27.7991

■ 87.1550, -18.8104,
-33.4619

■ 96.2410, -12.4438,
-22.1364

■ 82.1990, -22.2831,
-39.6395

■ 101.1970, -8.9711,
-15.9588

■ 77.6560, -25.4664,
-45.3023

■ 105.7400, -5.7878,
-10.2960

■ 72.7000, -28.9391,
-51.4799

■ 110.6960, -2.3151,
-4.1184

■ 68.1570, -32.1224,
-57.1427

■ 115.2390, 0.8682,
1.5444

■ 66.9180, -32.9906,
-58.6871

■ 119.7820, 4.0515,
7.2072

■ 124.7380, 7.5242,
13.3848

■ 129.2810, 10.7075,
19.0476

■ 134.2370, 14.1802,
25.2252

Harmonies

Analogous

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



96.5570, -28.3756, 1.2655



91.6980, -15.6271, -27.7991



79.0530, 5.8899, -69.3295

Triad

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



91.6980, -15.6271, -27.7991



82.7930, 40.5281, -72.6095



101.6970, -10.2036, 52.8857

Complementary

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



91.6980, -15.6271, -27.7991



82.3020, 15.6271, 27.7991

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.



103.5510, 4.6584, 45.9978



91.6980, -15.6271, -27.7991



102.0070, 29.5765, -13.1611

Square

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



91.6980, -15.6271, -27.7991



84.7190, 32.6765, -74.2986



105.6650, 18.4062, 23.0958



101.0860, -23.7064, 43.7746

Rectangle

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



91.6980, -15.6271, -27.7991



82.1480, 15.2100, -72.0438



105.6650, 18.4062, 23.0958



102.3640, -5.1095, 52.3008

Sweetspot

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



91.6980, -15.6271, -27.7991



139.3270, -6.0772, -10.8108



107.8440, -23.5871, 5.3988



68.6310, -3.7621, -6.6924



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



91.6980, -15.6271, -27.7991



113.3080, -24.3088, -43.2431



94.7760, -3.8336, -30.4986



53.5220, -1.7363, -3.0888



70.4400, -34.7269, -61.7759



144.9890, -71.4796, -127.1554

Inverse Universe

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



82.3020, 15.6271, 27.7991



98.6920, 24.3088, 43.2431



79.2240, 3.8336, 30.4986



52.4780, 1.7363, 3.0888



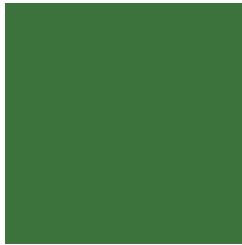
49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 91.6980, -15.6271, -27.7991 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 91.6980, -15.6271, -27.7991 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 91.6980, -15.6271, -27.7991

Background



This preview shows how black text looks on a background with the YUV color 91.6980, -15.6271, -27.7991.



This preview shows how white text looks on a background with the YUV color 91.6980, -15.6271, -27.7991.

-27.7991.

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

91.6980, -15.6271, -27.7991

Protanopia

99.7460, -21.5668, 10.7468

Deuteranopia

101.0120, -18.2469, 19.2835



Tritanopia

98.1480, 8.8010, -22.9318

Trichromacy



Original Color

91.6980, -15.6271, -27.7991

Protanomaly

96.5270, -19.4868, -3.0932

Deuteranomaly

97.5430, -17.0297, 2.1548

Tritanomaly

95.8460, 0.0759, -24.4209

Monochromacy



Original Color

91.6980, -15.6271, -27.7991

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7400, -5.7878, -10.2960

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6980, -15.6271, -27.7991 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(60, 114, 60)` looks like.

```
.text, #text, p{  
    color:rgb(60, 114, 60)  
}
```

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(60, 114, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 114, 60) }
```

Border

The CSS property to change the border of an element to YUV 91.6980, -15.6271, -27.7991 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(60, 114, 60) }
```


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

```
.border{ border-color:rgb(60, 114, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 114, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 114, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 114, 60);  
box-shadow:4px 4px 4px 4px rgb(60, 114,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 91.6980, -15.6271, -27.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 114, 60) }
```

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

```
.background{ background-color: rgb(60, 114,  
60) }
```

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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