

Converting Colors

YUV(46.6960, 47.9709,
-33.0594)

Have a look what the booklet for
YUV(46.6960, 47.9709, -33.0594)
contains.

YUV(46.6960, 47.9709, -33.0594)	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>	30

Color

**YUV(46.6960, 47.9709,
-33.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	092F90
RGB	9, 47, 144
RGB Percent	4%, 18%, 56%
CMY	0.9647, 0.8157, 0.4353
CMYK	0.94, 0.67, 0.00, 0.44
HSL	223°, 88%, 30%
HSV	223°, 94%, 56%
XYZ	6.1632, 4.1047, 26.8530
YIQ	46.6960, -53.7850, 22.1110

Conversions

Conversions Part 2

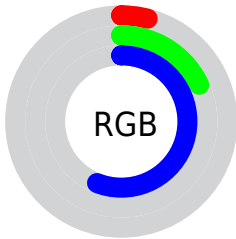
Format	Color
R_{YB}	9, 39, 144
Decimal	602000
CIE _{Lab}	24.01, 28.40, -56.43
CIE _{LCh}	24, 63.174, 296.713
Yxy	4.1047, 0.1660, 0.1106
Android (android.graphics.Color)	4278792080 (0xFF092F90)
YUV	46.6960, 47.9709, -33.0594
Hunter-Lab	20.2601, 18.8452, -64.4016

Details

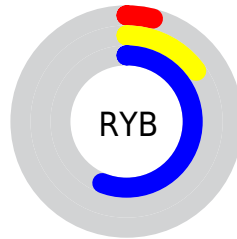
The YUV color **46.6960, 47.9709, -33.0594** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **106.3040, -47.9709, 33.0594**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.9910, 47.3324, -14.9011**, and **13.4230, 38.7385, -11.7720** is the 20% darker color. If you saturate the color by 10%, you get **40.4830, 51.0339, -35.5036**, and if you desaturate by 10%, it is **56.7520, 43.0133, -29.6005**.

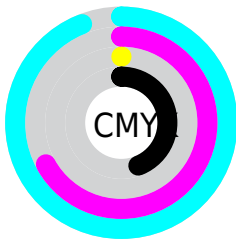
Distribution



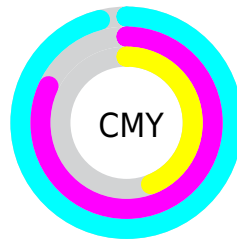
- Red (4%)
- Green (18%)
- Blue (56%)



- Red (4%)
- Yellow (15%)
- Blue (56%)



- Cyan (94%)
- Magenta (67%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.6960, 47.9709, -33.0594 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 46.6960, 47.9709, -33.0594 by changing the saturation by 10% instead.

■ 46.6960, 47.9709,
-33.0594

■ 46.6960, 47.9709,
-33.0594

■ 255.0000, 0.0000,
0.0000

■ 29.3010, 43.7286,
-25.6970

■ 102.9910, 47.3324,
-14.9011

■ 13.4230, 38.7385,
-11.7720

■ 128.9420, 48.3426,
-12.2271

■ 10.6870, 28.2553,
-9.3725

■ 156.0670, 48.7740,
-10.5828

■ 6.8910, 18.7877,
-6.0434

■ 180.0000, 36.9750,
-6.1390

■ 3.2090, 9.7570,
-2.8143

■ 205.1070, 24.5972,
-2.7248

■ 0.0000, 0.0000,
0.0000

■ 229.9260, 12.3615,

1.8189

253.8260, 0.5788,
1.0296

■ 46.6960, 47.9709,
-33.0594

■ 46.6960, 47.9709,
-33.0594

■ 40.4830, 51.0339,
-35.5036

■ 56.7520, 43.0133,
-29.6005

■ 67.6940, 37.6189,
-26.0416

■ 77.7500, 32.6613,
-22.5828

■ 88.1050, 27.5562,
-18.5091

■ 98.7480, 22.3092,
-15.5650

■ 108.8040, 17.3516,
-12.1061

■ 119.1590, 12.2466,
-8.0324

■ 129.8020, 6.9996,
-5.0884

■ 140.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



56.2980, 48.1671, -49.3733



46.6960, 47.9709, -33.0594



44.2340, 32.4226, 54.1688

Triad

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



46.6960, 47.9709, -33.0594



49.3260, -24.3177, 53.2111



49.1380, 0.4250, -43.0940

Complementary

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



46.6960, 47.9709, -33.0594



106.3040, -47.9709, 33.0594

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.



42.2640, -20.8362, -37.0655



46.6960, 47.9709, -33.0594



54.4220, -26.8300, 18.9239

Square

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



46.6960, 47.9709, -33.0594



41.3350, -11.0112, 78.6362



46.5160, -22.9324, -17.9925



55.3110, 21.5387, -48.5077

Rectangle

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



46.6960, 47.9709, -33.0594



47.0930, 16.2232, 70.0784



46.5160, -22.9324, -17.9925



47.2000, -7.0006, -41.3944

Sweetspot

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



46.6960, 47.9709, -33.0594



148.7330, 18.3726, -12.9208



99.3030, 3.3016, -79.1957



70.9310, 11.3730, -7.8325



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



46.6960, 47.9709, -33.0594



51.7280, 66.1961, -45.3655



33.0610, 54.6929, 4.3315



65.9720, 2.4788, -1.7294



37.6960, 47.9709, -33.0594



2.0860, 2.9156, -1.8294

Inverse Universe

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



53.6970, -3.3016, 79.1957



61.5420, -4.7042, 109.1497



119.9390, -54.6929, -4.3315



66.3210, -0.1583, 4.1035



44.6970, -3.3016, 79.1957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 46.6960, 47.9709, -33.0594 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 46.6960, 47.9709, -33.0594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

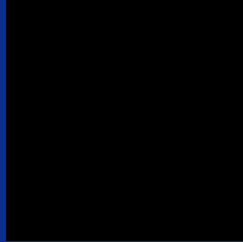
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.6960, 47.9709, -33.0594

Background



This preview shows how black text looks on a background with the YUV color 46.6960, 47.9709, -33.0594.



This preview shows how white text looks on a background with the YUV color 46.6960, 47.9709, -33.0594.

-33.0594.

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

46.6960, 47.9709, -33.0594

Deuteranopia

46.0330, 26.6057, -40.3709

Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

46.6960, 47.9709, -33.0594

Deuteranomaly

46.4060, 34.3098, -38.0671

Tritanomaly

45.7730, 24.2689, -37.5119

Monochromacy



Original Color

46.6960, 47.9709, -33.0594

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8040, 17.3516, -12.1061

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6960, 47.9709, -33.0594 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(9, 47, 144)` looks like.

```
.text, #text, p{  
    color:rgb(9, 47, 144)  
}
```

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(9, 47, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 47, 144) }
```

Border

The CSS property to change the border of an element to YUV 46.6960, 47.9709, -33.0594 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(9, 47, 144) }
```

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

```
.border{ border-color:rgb(9, 47, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 47, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 47, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 47, 144);  
box-shadow:4px 4px 4px 4px rgb(9, 47, 144)  
}
```


Background

The CSS property to change the background color of an element to YUV 46.6960, 47.9709, -33.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 47, 144) }
```

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

```
.background{ background-color: rgb(9, 47,  
144) }
```

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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