

Converting Colors

YUV(46.8090, 53.3382,
-27.8965)

Have a look what the booklet for
YUV(46.8090, 53.3382, -27.8965)
contains.

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Color

**YUV(46.8090, 53.3382,
-27.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2A9B
RGB	15, 42, 155
RGB Percent	6%, 16%, 61%
CMY	0.9412, 0.8353, 0.3922
CMYK	0.90, 0.73, 0.00, 0.39
HSL	228°, 82%, 33%
HSV	228°, 90%, 61%
XYZ	6.9414, 4.1240, 31.4405
YIQ	46.8090, -52.3650, 29.4190

Conversions

Conversions Part 2

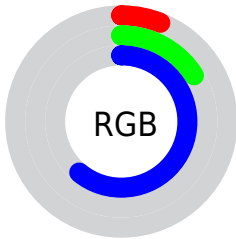
Format	Color
R_{YB}	15, 38, 155
Decimal	993947
CIE _{Lab}	24.08, 36.25, -63.09
CIE _{LCh}	24, 72.765, 299.879
Yxy	4.1240, 0.1633, 0.0970
Android (android.graphics.Color)	4279184027 (0xFF0F2A9B)
YUV	46.8090, 53.3382, -27.8965
Hunter-Lab	20.3077, 25.4743, -77.5776

Details

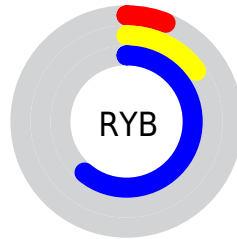
The YUV color **46.8090, 53.3382, -27.8965** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **123.1910, -53.3382, 27.8965**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.2180, 53.1365, -9.8382**, and **11.6280, 44.5534, -10.1978** is the 20% darker color. If you saturate the color by 10%, you get **35.2800, 59.0220, -30.9406**, and if you desaturate by 10%, it is **59.2240, 47.2176, -24.7524**.

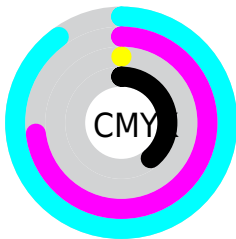
Distribution



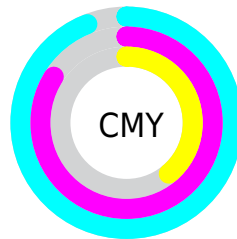
- Red (6%)
- Green (16%)
- Blue (61%)



- Red (6%)
- Yellow (15%)
- Blue (61%)



- Cyan (90%)
- Magenta (73%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (84%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8090, 53.3382, -27.8965 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 46.8090, 53.3382, -27.8965 by changing the saturation by 10% instead.

■ 46.8090, 53.3382,
-27.8965

■ 46.8090, 53.3382,
-27.8965

■ 255.0000, 0.0000,
0.0000

■ 26.9190, 49.8329,
-23.6080

■ 103.2180, 53.1365,
-9.8382

■ 11.6280, 44.5534,
-10.1978

■ 129.4680, 53.9993,
-6.5494

■ 9.3650, 33.3441,
-8.2131

■ 155.2250, 49.1891,
-3.7053

■ 9.0910, 22.1401,
-7.9728

■ 179.1580, 37.3901,
0.7384

■ 4.7080, 12.9620,
-4.1289

■ 204.5640, 24.8649,
4.7674

■ 0.3420, 1.3104,
-0.2999

■ 229.9700, 12.3398,

■ 0.0000, 0.0000,

8.7963

0.0000

250.8910, 2.0257,
3.6036

46.8090, 53.3382,
-27.8965

46.8090, 53.3382,
-27.8965

35.2800, 59.0220,
-30.9406

59.2240, 47.2176,
-24.7524

70.7530, 41.5338,
-21.7084

83.1680, 35.4132,
-18.5643

94.6970, 29.7294,
-15.5203

107.1120, 23.6088,
-12.3762

■ 118.6410, 17.9250,
-9.3322

■ 131.0560, 11.8044,
-6.1881

■ 142.5850, 6.1206,
-3.1440

■ 155.0000, 0.0000,
0.0000

Harmonies

Analogous

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



58.7090, 54.8665, -51.4878



46.8090, 53.3382, -27.8965



47.8650, 32.1116, 60.6314

Triad

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



46.8090, 53.3382, -27.8965



48.1630, -23.7444, 55.9850



50.9960, 2.4670, -44.7235

Complementary

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



46.8090, 53.3382, -27.8965



123.1910, -53.3382, 27.8965

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.



43.4380, -21.4149, -38.0951



46.8090, 53.3382, -27.8965



54.4000, -26.8192, 15.4352

Square

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



46.8090, 53.3382, -27.8965



41.9030, -19.1792, 85.1541



39.9160, -19.6786, -35.0063



57.8530, 26.2015, -50.7371

Rectangle

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



46.8090, 53.3382, -27.8965



50.4530, 13.5807, 77.6557



39.9160, -19.6786, -35.0063



48.1290, -5.9796, -42.2091

Sweetspot

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



46.8090, 53.3382, -27.8965



159.6130, 20.4038, -11.0616



109.9480, 8.4066, -83.2694



76.8710, 12.3886, -6.9029



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.



46.8090, 53.3382, -27.8965



45.8070, 76.5101, -40.1727



43.5180, 54.9606, 11.8237



70.4990, 3.2050, -1.3146



31.8090, 53.3382, -27.8965



2.6560, 5.0996, -2.3293

Inverse Universe

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



59.9380, -8.8434, 83.3694



64.5450, -12.5937, 119.6710



126.4820, -54.9606, -11.8237



71.5060, -0.7425, 4.8182



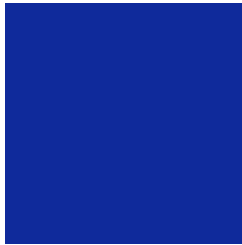
44.9380, -8.8434, 83.3694



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 46.8090, 53.3382, -27.8965 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 46.8090, 53.3382, -27.8965 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 46.8090, 53.3382, -27.8965

Background



This preview shows how black text looks on a background with the YUV color 46.8090, 53.3382, -27.8965.



This preview shows how white text looks on a background with the YUV color 46.8090, 53.3382, -27.8965.

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

46.8090, 53.3382, -27.8965

Protanopia

46.2100, 34.8995, -40.5262

Deuteranopia

46.0330, 26.6057, -40.3709



Tritanopia

45.2060, 10.7444, -39.6457

Trichromacy



Original Color

46.8090, 53.3382, -27.8965

Protanomaly

46.3660, 41.7246, -36.2780

Deuteranomaly

46.2860, 36.3410, -36.2078

Tritanomaly

45.6530, 26.3001, -35.6527

Monochromacy



Original Color

46.8090, 53.3382, -27.8965

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.6840, 19.3828, -10.2469

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8090, 53.3382, -27.8965 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(15, 42, 155)` looks like.

```
.text, #text, p{  
    color:rgb(15, 42, 155)  
}
```

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(15, 42, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 42, 155) }
```

Border

The CSS property to change the border of an element to YUV 46.8090, 53.3382, -27.8965 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(15, 42, 155) }
```


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

```
.border{ border-color:rgb(15, 42, 155) }
```

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

Here you see how a box with a 4 pixel rgb(15, 42, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 42, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 42, 155);  
box-shadow:4px 4px 4px 4px rgb(15, 42,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 46.8090, 53.3382, -27.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 42, 155) }
```

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

```
.background{ background-color: rgb(15, 42,  
155) }
```

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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