

Converting Colors

YUV(62.3100, 46.6822,
-39.7369)

Have a look what the booklet for
YUV(62.3100, 46.6822, -39.7369)
contains.

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Color

**YUV(62.3100, 46.6822,
-39.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	11439D
RGB	17, 67, 157
RGB Percent	7%, 26%, 62%
CMY	0.9333, 0.7373, 0.3843
CMYK	0.89, 0.57, 0.00, 0.38
HSL	219°, 80%, 34%
HSV	219°, 89%, 62%
XYZ	8.3241, 6.5678, 32.7273
YIQ	62.3100, -58.6900, 17.3900

Conversions

Conversions Part 2

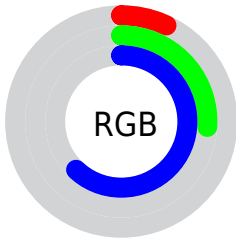
Format	Color
R_{YB}	17, 54, 157
Decimal	1131421
CIE _{Lab}	30.80, 20.31, -53.28
CIE _{LCh}	31, 57.018, 290.867
Yxy	6.5678, 0.1748, 0.1379
Android (android.graphics.Color)	4279321501 (0xFF11439D)
YUV	62.3100, 46.6822, -39.7369
Hunter-Lab	25.6277, 13.1300, -57.7755

Details

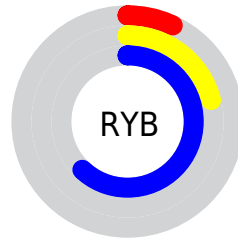
The YUV color **62.3100, 46.6822, -39.7369** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **111.6900, -46.6822, 39.7369**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2950, 46.1966, -23.9377**, and **27.2320, 38.3396, -23.8825** is the 20% darker color. If you saturate the color by 10%, you get **51.6560, 51.9346, -44.4253**, and if you desaturate by 10%, it is **72.9640, 41.4297, -35.0484**.

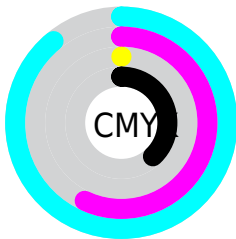
Distribution



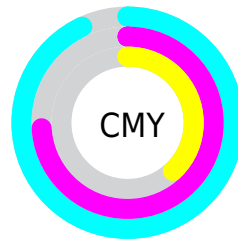
- Red (7%)
- Green (26%)
- Blue (62%)



- Red (7%)
- Yellow (21%)
- Blue (62%)



- Cyan (89%)
- Magenta (57%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (74%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.3100, 46.6822, -39.7369 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 62.3100, 46.6822, -39.7369 by changing the saturation by 10% instead.

■ 62.3100, 46.6822,
-39.7369

■ 62.3100, 46.6822,
-39.7369

■ 255.0000, 0.0000,
0.0000

■ 41.2350, 43.7611,
-36.1631

■ 118.2950, 46.1966,
-23.9377

■ 27.2320, 38.3396,
-23.8825

■ 145.5340, 47.0647,
-22.3933

■ 9.1200, 34.9438,
-7.9982

■ 171.0630, 41.3809,
-19.3493

■ 9.3190, 23.0137,
-8.1728

■ 195.5830, 29.2926,
-15.4203

■ 5.0500, 14.2723,
-4.4289

■ 220.9890, 16.7674,
-11.3914

■ 0.7980, 3.0576,
-0.6998

■ 246.0960, 4.3897,

■ 0.0000, 0.0000,

-7.9772

0.0000

■ 62.3100, 46.6822,
-39.7369

■ 62.3100, 46.6822,
-39.7369

■ 51.6560, 51.9346,
-44.4253

■ 72.9640, 41.4297,
-35.0484

■ 50.7700, 52.3714,
-44.5253

■ 83.3190, 36.3247,
-30.9748

■ 93.9730, 31.0723,
-26.2863

■ 104.6270, 25.8199,
-21.5979

■ 115.2810, 20.5675,
-16.9094

■ 126.2230, 15.1731,
-13.3506

■ 136.8770, 9.9206,
-8.6621

■ 147.5310, 4.6682,
-3.9737

■ 157.8860, -0.4368,
0.1000

Harmonies

Analogous

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



66.6020, 47.0312, -58.4100



62.3100, 46.6822, -39.7369



72.0760, 28.5565, 34.1363

Triad

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



62.3100, 46.6822, -39.7369



64.4100, -31.7541, 58.3994



59.3280, -1.1477, -52.0307

Complementary

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



62.3100, 46.6822, -39.7369



111.6900, -46.6822, 39.7369

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.



51.5250, -23.4298, -45.1874



62.3100, 46.6822, -39.7369



68.9410, -33.9879, 28.1157

Square

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



62.3100, 46.6822, -39.7369



53.0780, -4.4755, 82.3696



65.1990, -32.1431, -3.6825



65.1590, 18.6556, -57.1444

Rectangle

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



62.3100, 46.6822, -39.7369



62.0860, 20.1706, 63.9456



65.1990, -32.1431, -3.6825



56.9170, -7.8471, -49.9162

Sweetspot

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



62.3100, 46.6822, -39.7369



167.0100, 18.2361, -15.7948



109.3260, -1.6397, -80.9699



79.8060, 10.9416, -9.4769



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.



62.3100, 46.6822, -39.7369



66.1070, 67.9812, -57.9758



38.6410, 58.3510, -2.3162



73.6730, 2.6262, -2.3442



46.2390, 47.7032, -40.5516



4.6450, 5.1050, -4.0737

Inverse Universe

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



64.5600, 1.2029, 81.0699



69.3180, 1.8152, 118.1161



135.3590, -58.3510, 2.3162



73.7340, 0.1311, 4.6183



48.5710, 1.1975, 82.8142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 62.3100, 46.6822, -39.7369 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 62.3100, 46.6822, -39.7369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

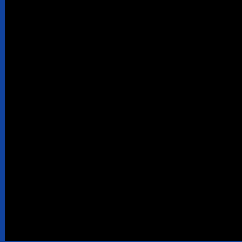
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.3100, 46.6822, -39.7369

Background



This preview shows how black text looks on a background with the YUV color 62.3100, 46.6822, -39.7369.



This preview shows how white text looks on a background with the YUV color 62.3100, 46.6822,

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

62.3100, 46.6822, -39.7369

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

57.9160, 34.0584, -50.7923



Tritanopia

57.2370, 13.6872, -50.1968

Trichromacy



Original Color

62.3100, 46.6822, -39.7369

Protanomaly

59.5110, 45.1041, -46.9291

Deuteranomaly

59.2030, 38.8469, -46.6590

Tritanomaly

59.0600, 25.6064, -46.5336

Monochromacy



Original Color

62.3100, 46.6822, -39.7369

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.3800, 17.0677, -14.3653

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.3100, 46.6822, -39.7369 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(17, 67, 157)` looks like.

```
.text, #text, p{  
    color:rgb(17, 67, 157)  
}
```

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(17, 67, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 67, 157) }
```

Border

The CSS property to change the border of an element to YUV 62.3100, 46.6822, -39.7369 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(17, 67, 157) }
```


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

```
.border{ border-color:rgb(17, 67, 157) }
```

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

Here you see how a box with a 4 pixel rgb(17, 67, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 67, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 67, 157);  
box-shadow:4px 4px 4px 4px rgb(17, 67,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 62.3100, 46.6822, -39.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 67, 157) }
```

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

```
.background{ background-color: rgb(17, 67,  
157) }
```

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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