

Converting Colors

YUV(125.7440, 41.5382,
-69.9355)

Have a look what the booklet for
YUV(125.7440, 41.5382, -69.9355)
contains.

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Color

**YUV(125.7440, 41.5382,
-69.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	2E96D2
RGB	46, 150, 210
RGB Percent	18%, 59%, 82%
CMY	0.8196, 0.4118, 0.1765
CMYK	0.78, 0.29, 0.00, 0.18
HSL	202°, 65%, 50%
HSV	202°, 78%, 82%
XYZ	23.6659, 27.0467, 64.9460
YIQ	125.7440, -81.2440, -3.3880

Conversions

Conversions Part 2

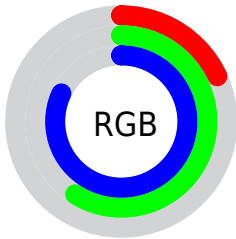
Format	Color
R _Y B	46, 110, 210
Decimal	3053266
CIE Lab	59.02, -8.80, -39.01
CIE LCh	59, 39.994, 257.296
Yxy	27.0467, 0.2046, 0.2338
Android (android.graphics.Color)	4281243346 (0xFF2E96D2)
YUV	125.7440, 41.5382, -69.9355
Hunter-Lab	52.0064, -9.7835, -37.6373

Details

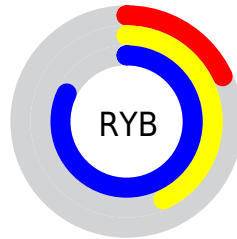
The YUV color **125.7440, 41.5382, -69.9355** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **130.2560, -41.5382, 69.9355**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5020, 35.2485, -59.1993**, and **75.7830, 39.0540, -66.4617** is the 20% darker color. If you saturate the color by 10%, you get **114.7690, 46.9489, -78.7274**, and if you desaturate by 10%, it is **136.7190, 36.1275, -61.1436**.

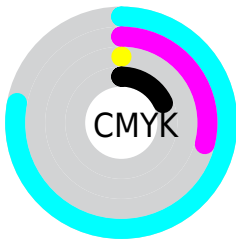
Distribution



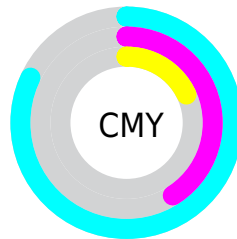
- Red (18%)
- Green (59%)
- Blue (82%)



- Red (18%)
- Yellow (43%)
- Blue (82%)



- Cyan (78%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.7440, 41.5382, -69.9355 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 125.7440, 41.5382, -69.9355 by changing the saturation by 10% instead.

■ 125.7440, 41.5382,
-69.9355

■ 125.7440, 41.5382,
-69.9355

■ 255.0000, 0.0000,
0.0000

■ 93.5360, 43.6128,
-82.0311

■ 183.5020, 35.2485,
-59.1993

■ 75.7830, 39.0540,
-66.4617

■ 209.2070, 22.5759,
-54.5555

■ 59.3180, 34.3532,
-52.0219

■ 231.6780, 11.4977,
-47.9526

■ 42.8530, 29.6525,
-37.5821

■ 240.6480, 7.0755,
-29.5093

■ 28.3770, 24.9571,
-24.8866

■ 249.9170, 2.5059,
-10.4512

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 125.7440, 41.5382,
-69.9355

■ 125.7440, 41.5382,
-69.9355

■ 114.7690, 46.9489,
-78.7274

■ 136.7190, 36.1275,
-61.1436

■ 104.3810, 52.0702,
-88.0341

■ 147.1070, 31.0062,
-51.8368

■ 102.0110, 53.2386,
-89.4636

■ 158.0820, 25.5956,
-43.0449

■ 169.0570, 20.1849,
-34.2530

■ 179.4450, 15.0636,
-24.9463

■ 190.4200, 9.6529,
-16.1543

■ 201.3950, 4.2423,
-7.3624

■ 211.7830, -0.8790,
1.9443

■ 222.7580, -6.2897,
10.7362

Harmonies

Analogous

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



114.1610, 38.8676, -100.1192



125.7440, 41.5382, -69.9355



141.8970, 33.0818, -17.4497

Triad

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



125.7440, 41.5382, -69.9355



143.4310, -10.0725, 57.5040



132.6830, -19.5637, -25.1550

Complementary

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



125.7440, 41.5382, -69.9355



130.2560, -41.5382, 69.9355

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.



137.0800, -31.5914, 6.0688



125.7440, 41.5382, -69.9355



141.9020, -24.6017, 50.9519

Square

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



125.7440, 41.5382, -69.9355



145.3170, 6.2527, 47.9570



140.4900, -33.2726, 32.0193



122.5330, 1.2162, -63.6114

Rectangle

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



125.7440, 41.5382, -69.9355



145.8250, 25.7223, 9.8005



140.4900, -33.2726, 32.0193



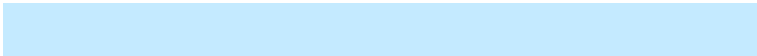
134.0820, -24.6904, -14.1039

Sweetspot

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



125.7440, 41.5382, -69.9355



225.0320, 14.7742, -25.4611



148.7660, -22.5626, -90.1258



109.0180, 9.3581, -14.9248



0.0000, 0.0000, 0.0000



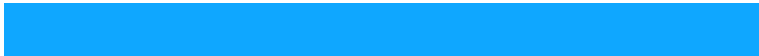
128.0000, 0.0000, 0.0000

Same Dimension

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



125.7440, 41.5382, -69.9355



131.5840, 60.8441, -102.2442



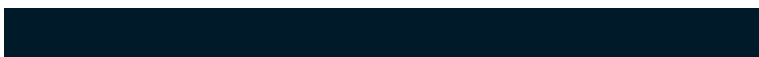
79.3710, 64.4001, -29.2664



99.3630, 2.7790, -4.7034



81.9610, 42.4172, -71.8798



19.9360, 10.3846, -17.4839

Inverse Universe

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



106.8920, 21.2522, 90.4257



104.0880, 31.0156, 132.3498



176.6290, -64.4001, 29.2664



98.0870, 1.4361, 6.0627



62.4300, 21.9730, 92.5849



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 125.7440, 41.5382, -69.9355 looks on a white background.

Color Contrast Check

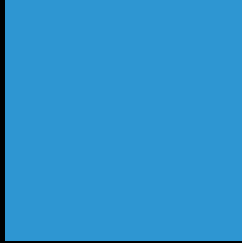
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 125.7440, 41.5382, -69.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

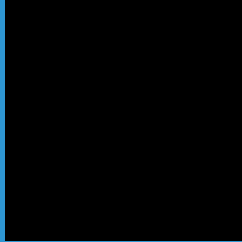
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.7440, 41.5382, -69.9355

Background



This preview shows how black text looks on a background with the YUV color 125.7440, 41.5382, -69.9355.



This preview shows how white text looks on a background with the YUV color 125.7440, 41.5382, -69.9355.

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

125.7440, 41.5382, -69.9355

Protanopia

140.6860, 29.7348, -17.2646

Deuteranopia

138.6400, 36.1665, -26.8713



Tritanopia

111.4250, 28.3845, -97.7197

Trichromacy



Original Color

125.7440, 41.5382, -69.9355

Protanomaly

135.3030, 33.8676, -36.2227

Deuteranomaly

133.9970, 37.9625, -42.9704

Tritanomaly

116.4570, 33.2987, -87.2238

Monochromacy



Original Color

125.7440, 41.5382, -69.9355

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1460, 15.2110, -25.5610

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.7440, 41.5382, -69.9355 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(46, 150, 210)` looks like.

```
.text, #text, p{  
    color:rgb(46, 150, 210)  
}
```

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(46, 150, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 150, 210) }
```

Border

The CSS property to change the border of an element to YUV 125.7440, 41.5382, -69.9355 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(46, 150, 210) }
```


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

```
.border{ border-color:rgb(46, 150, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 150, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 150, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 150, 210);  
box-shadow:4px 4px 4px 4px rgb(46, 150,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 125.7440, 41.5382, -69.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 150, 210) }
```

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

```
.background{ background-color: rgb(46, 150,  
210) }
```

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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