

Converting Colors

YUV(89.1460, 15.2110,
-25.5610)

Have a look what the booklet for
YUV(89.1460, 15.2110, -25.5610)
contains.

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Color

**YUV(89.1460, 15.2110,
-25.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6278
RGB	60, 98, 120
RGB Percent	24%, 38%, 47%
CMY	0.7647, 0.6157, 0.5294
CMYK	0.50, 0.18, 0.00, 0.53
HSL	202°, 33%, 35%
HSV	202°, 50%, 47%
XYZ	9.6213, 11.0521, 19.3955
YIQ	89.1460, -29.7100, -1.2140

Conversions

Conversions Part 2

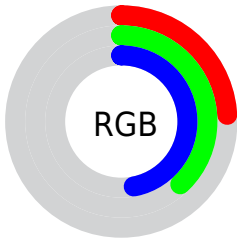
Format	Color
R_{YB}	60, 83, 120
Decimal	3957368
CIE _{Lab}	39.67, -6.92, -16.55
CIE _{LCh}	40, 17.942, 247.301
Yxy	11.0521, 0.2401, 0.2758
Android (android.graphics.Color)	4282147448 (0xFF3C6278)
YUV	89.1460, 15.2110, -25.5610
Hunter-Lab	33.2447, -6.5186, -11.3194

Details

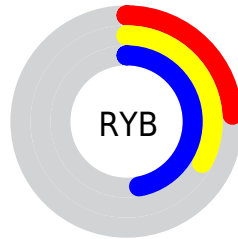
The YUV color **89.1460, 15.2110, -25.5610** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.8540, -15.2110, 25.5610**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2600, 15.6478, -25.6610**, and **39.5150, 15.5221, -32.0237** is the 20% darker color. If you saturate the color by 10%, you get **83.2100, 18.1375, -30.8792**, and if you desaturate by 10%, it is **95.0820, 12.2846, -20.2429**.

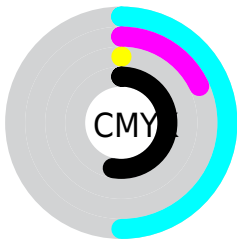
Distribution



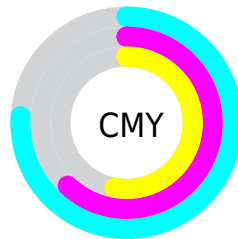
- Red (24%)
- Green (38%)
- Blue (47%)



- Red (24%)
- Yellow (33%)
- Blue (47%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (76%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1460, 15.2110, -25.5610 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 89.1460, 15.2110, -25.5610 by changing the saturation by 10% instead.

■ 89.1460, 15.2110,
-25.5610

■ 89.1460, 15.2110,
-25.5610

■ 255.0000, 0.0000,
0.0000

■ 64.4340, 15.0690,
-26.6906

■ 140.2600, 15.6478,
-25.6610

■ 39.5150, 15.5221,
-32.0237

■ 166.7870, 16.3740,
-25.2462

■ 23.7830, 12.4320,
-20.8577

■ 194.4880, 16.5214,
-25.8610

■ 4.3660, 11.6516,
-3.8290

■ 222.0750, 16.2320,
-26.3758

■ 0.0000, 0.0000,
0.0000

■ 244.8340, 5.0118,
-20.9024

■ 253.5050, 0.7370,

-3.0739

■ 89.1460, 15.2110,
-25.5610

■ 89.1460, 15.2110,
-25.5610

■ 83.2100, 18.1375,
-30.8792

■ 95.0820, 12.2846,
-20.2429

■ 76.6870, 21.3533,
-35.6825

■ 101.6050, 9.0687,
-15.4396

■ 70.7510, 24.2798,
-41.0006

■ 107.5410, 6.1423,
-10.1215

■ 64.2280, 27.4956,
-45.8040

■ 114.0640, 2.9264,
-5.3181

■ 58.2920, 30.4220,
-51.1221

■ 120.0000, 0.0000,
0.0000

■ 125.9360, -2.9264,
5.3181

■ 132.4590, -6.1423,
10.1215

■ 138.3950, -9.0687,
15.4396

■ 144.9180,
-12.2846, 20.2429

Harmonies

Analogous

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



86.5920, 12.0331, -32.9682



89.1460, 15.2110, -25.5610



93.0060, 14.2940, -11.4063

Triad

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



89.1460, 15.2110, -25.5610



95.4590, -2.6913, 23.2765



90.6220, -10.1666, -5.8075

Complementary

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



89.1460, 15.2110, -25.5610



90.8540, -15.2110, 25.5610

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.



92.3740, -13.9884, 6.6880



89.1460, 15.2110, -25.5610



95.0370, -9.3852, 23.6466

Square

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



89.1460, 15.2110, -25.5610



95.6630, 4.6031, 16.9585



93.9670, -13.2947, 17.5689



88.6680, -3.2873, -19.0028

Rectangle

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



89.1460, 15.2110, -25.5610



94.5020, 12.0775, -0.4403



93.9670, -13.2947, 17.5689



91.4870, -12.0721, -1.3041

Sweetspot

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



89.1460, 15.2110, -25.5610



143.5410, 6.1423, -10.1215



97.7280, -7.7539, -33.0875



71.8790, 3.5107, -6.0329



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.1460, 15.2110, -25.5610



107.3490, 23.9849, -39.7711



71.5360, 23.8928, -10.1171



58.0320, 1.4632, -2.6591



60.6230, 31.7379, -53.1664



122.6480, 63.7705, -107.5623

Inverse Universe

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



82.2720, 7.7539, 33.0875



96.8320, 11.9148, 51.8903



108.4640, -23.8928, 10.1171



57.2500, 0.8628, 3.2887



46.3810, 16.0812, 68.9489



93.5880, 32.7411, 138.9273

Previews

White Background



This preview shows how the YUV color 89.1460, 15.2110, -25.5610 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 89.1460, 15.2110, -25.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

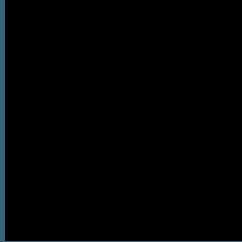
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1460, 15.2110, -25.5610

Background



This preview shows how black text looks on a background with the YUV color 89.1460, 15.2110, -25.5610.



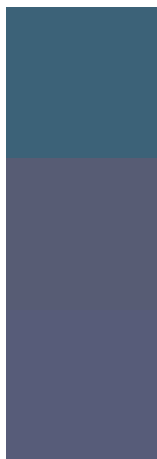
This preview shows how white text looks on a background with the YUV color 89.1460, 15.2110,

-25.5610.

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

89.1460, 15.2110, -25.5610

Protanopia

93.2410, 11.2202, -5.4734

Deuteranopia

93.8110, 13.4042, -5.9732



Tritanopia

87.7560, 9.9803, -27.8500

Trichromacy



Original Color

89.1460, 15.2110, -25.5610

Protanomaly

91.5390, 12.5523, -12.7507

Deuteranomaly

91.9950, 14.2995, -13.1506

Tritanomaly

87.9240, 11.8695, -27.1203

Monochromacy



Original Color

89.1460, 15.2110, -25.5610

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7260, 5.5581, -9.4067

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1460, 15.2110, -25.5610 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, 98, 120)` looks like.

```
.text, #text, p{  
    color:rgb(60, 98, 120)  
}
```

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, 98, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 98, 120) }
```

Border

The CSS property to change the border of an element to YUV 89.1460, 15.2110, -25.5610 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, 98, 120) }
```


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

```
.border{ border-color:rgb(60, 98, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 98, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 98, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 98, 120);  
box-shadow:4px 4px 4px 4px rgb(60, 98,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 89.1460, 15.2110, -25.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 98, 120) }
```

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

```
.background{ background-color: rgb(60, 98,  
120) }
```

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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