

Converting Colors

YUV(89.5650, 13.0325,
-26.8055)

Have a look what the booklet for
YUV(89.5650, 13.0325, -26.8055)
contains.

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Color

**YUV(89.5650, 13.0325,
-26.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6474
RGB	59, 100, 116
RGB Percent	23%, 39%, 45%
CMY	0.7686, 0.6078, 0.5451
CMYK	0.49, 0.14, 0.00, 0.55
HSL	197°, 33%, 34%
HSV	197°, 49%, 45%
XYZ	9.5132, 11.3051, 18.2037
YIQ	89.5650, -29.5720, -3.7160

Conversions

Conversions Part 2

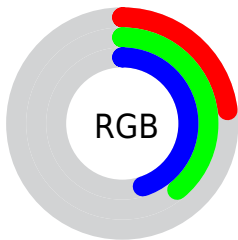
Format	Color
R_{YB}	59, 83, 116
Decimal	3892340
CIE _{Lab}	40.09, -9.62, -13.47
CIE _{LCh}	40, 16.553, 234.478
Yxy	11.3051, 0.2438, 0.2897
Android (android.graphics.Color)	4282082420 (0xFF3B6474)
YUV	89.5650, 13.0325, -26.8055
Hunter-Lab	33.6231, -8.3362, -8.5638

Details

The YUV color **89.5650, 13.0325, -26.8055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85.4350, -13.0325, 26.8055**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6790, 13.4693, -26.9055**, and **39.7600, 13.9223, -32.2385** is the 20% darker color. If you saturate the color by 10%, you get **84.2160, 15.6695, -32.6384**, and if you desaturate by 10%, it is **94.9140, 10.3954, -20.9726**.

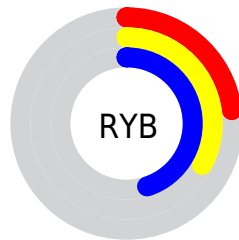
Distribution



Red (23%)

Green (39%)

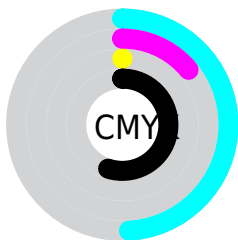
Blue (45%)



Red (23%)

Yellow (33%)

Blue (45%)

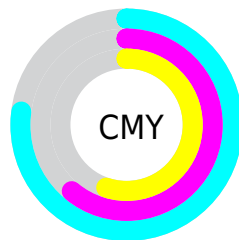


Cyan (49%)

Magenta (14%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (61%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5650, 13.0325, -26.8055 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 89.5650, 13.0325, -26.8055 by changing the saturation by 10% instead.

■ 89.5650, 13.0325,
-26.8055

■ 89.5650, 13.0325,
-26.8055

■ 255.0000, 0.0000,
0.0000

■ 64.8530, 12.8905,
-27.9351

■ 140.6790, 13.4693,
-26.9055

■ 39.7600, 13.9223,
-32.2385

■ 167.3800, 13.6167,
-27.5203

■ 24.0280, 10.8322,
-21.0726

■ 194.4940, 14.0535,
-27.6202

■ 4.1380, 10.7780,
-3.6290

■ 222.6080, 14.4903,
-27.7202

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,
-22.1320

■ 252.9070, 1.0318,

-4.3034

■ 89.5650, 13.0325,
-26.8055

■ 89.5650, 13.0325,
-26.8055

■ 84.2160, 15.6695,
-32.6384

■ 94.9140, 10.3954,
-20.9726

■ 78.5790, 18.4486,
-37.3418

■ 100.5510, 7.6164,
-16.2692

■ 73.2300, 21.0856,
-43.1747

■ 105.9000, 4.9793,
-10.4363

■ 68.1800, 23.5753,
-48.3929

■ 110.9500, 2.4896,
-5.2182

■ 62.8310, 26.2123,
-54.2258

■ 116.2990, -0.1474,
0.6148

■ 61.9450, 26.6491,
-54.3258

■ 122.2350, -3.0739,
5.9329

■ 127.2850, -5.5635,
11.1511

■ 132.6340, -8.2006,
16.9840

■ 137.6840,
-10.6902, 22.2021

Harmonies

Analogous

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



88.2890, 8.2385, -29.1945



89.5650, 13.0325, -26.8055



92.2720, 14.1629, -16.0245

Triad

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



89.5650, 13.0325, -26.8055



96.6480, 0.6665, 19.6027



92.7260, -11.2039, 0.2403

Complementary

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



89.5650, 13.0325, -26.8055



85.4350, -13.0325, 26.8055

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.



94.3360, -12.9836, 11.1063



89.5650, 13.0325, -26.8055



95.9490, -5.8909, 22.8467

Square

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



89.5650, 13.0325, -26.8055



96.2000, 6.8034, 11.2256



94.9610, -10.8268, 19.3282



90.6150, -6.2192, -11.9404

Rectangle

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



89.5650, 13.0325, -26.8055



94.2840, 12.6780, -6.3881



94.9610, -10.8268, 19.3282



93.4060, -12.5252, 4.0289

Sweetspot

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



89.5650, 13.0325, -26.8055



139.9000, 4.9793, -10.4363



94.1690, -9.9433, -30.8432



70.4660, 3.2213, -6.5477



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.5650, 13.0325, -26.8055



109.6000, 19.9172, -41.7452



73.1290, 21.1354, -12.3911



56.0320, 1.4632, -2.6591



65.5640, 27.8229, -57.4996



134.1600, 57.1091, -117.6583

Inverse Universe

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



80.7170, 9.5065, 30.9432



95.6080, 14.9833, 47.7018



101.8710, -21.1354, 12.3911



55.2500, 0.8628, 3.2888



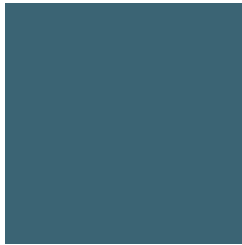
46.5100, 20.4546, 66.2047



95.2700, 41.7719, 135.6982

Previews

White Background



This preview shows how the YUV color 89.5650, 13.0325, -26.8055 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 89.5650, 13.0325, -26.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

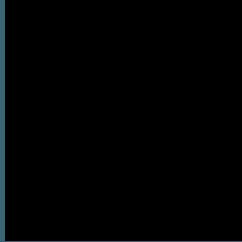
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5650, 13.0325, -26.8055

Background



This preview shows how black text looks on a background with the YUV color 89.5650, 13.0325, -26.8055.

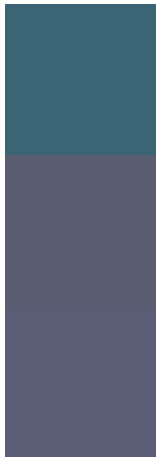


This preview shows how white text looks on a background with the YUV color 89.5650, 13.0325,

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

89.5650, 13.0325, -26.8055

Protanopia

94.1550, 8.3046, -3.6439

Deuteranopia

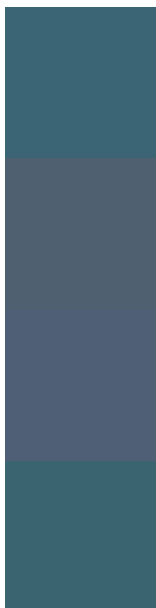
94.6650, 11.5042, -3.2142



Tritanopia

88.7560, 9.9803, -27.8500

Trichromacy



Original Color

89.5650, 13.0325, -26.8055

Protanomaly

92.8550, 9.9315, -12.1508

Deuteranomaly

92.7240, 11.9681, -12.0359

Tritanomaly

89.3970, 11.1433, -27.5352

Monochromacy



Original Color

89.5650, 13.0325, -26.8055

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0850, 4.3951, -9.7215

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5650, 13.0325, -26.8055 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(59, 100, 116)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 116)  
}
```

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(59, 100, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 116) }
```

Border

The CSS property to change the border of an element to YUV 89.5650, 13.0325, -26.8055 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(59, 100, 116) }
```


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

```
.border{ border-color:rgb(59, 100, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 100, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 116);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 89.5650, 13.0325, -26.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 100, 116) }
```

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

```
.background{ background-color: rgb(59, 100,  
116) }
```

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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