

Converting Colors

YUV(64.3650, 13.1311,
-11.7211)

Have a look what the booklet for
YUV(64.3650, 13.1311, -11.7211)
contains.

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Color

**YUV(64.3650, 13.1311,
-11.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	33425B
RGB	51, 66, 91
RGB Percent	20%, 26%, 36%
CMY	0.8000, 0.7412, 0.6431
CMYK	0.44, 0.27, 0.00, 0.64
HSL	218°, 28%, 28%
HSV	218°, 44%, 36%
XYZ	5.2018, 5.3556, 10.6571
YIQ	64.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

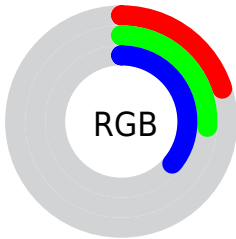
Format	Color
RYB	51, 62, 91
Decimal	3359323
CIELab	27.72, 1.37, -16.78
CIElCh	28, 16.838, 274.653
Yxy	5.3556, 0.2452, 0.2524
Android (android.graphics.Color)	4281549403 (0xFF33425B)
YUV	64.3650, 13.1311, -11.7211
Hunter-Lab	23.1421, -0.3762, -11.1040

Details

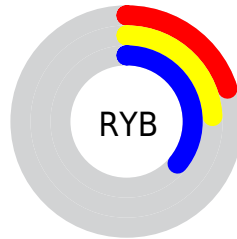
The YUV color **64.3650, 13.1311, -11.7211** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **77.6350, -13.1311, 11.7211**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5930, 14.0047, -11.9211**, and **20.4140, 12.1209, -14.3951** is the 20% darker color. If you saturate the color by 10%, you get **58.1520, 16.1941, -14.1653**, and if you desaturate by 10%, it is **70.5780, 10.0680, -9.2769**.

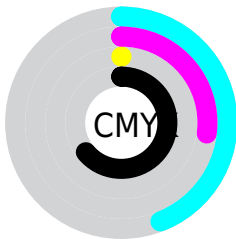
Distribution



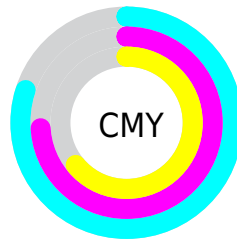
- Red (20%)
- Green (26%)
- Blue (36%)



- Red (20%)
- Yellow (24%)
- Blue (36%)



- Cyan (44%)
- Magenta (27%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3650, 13.1311, -11.7211 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 64.3650, 13.1311, -11.7211 by changing the saturation by 10% instead.

■ 64.3650, 13.1311,
-11.7211

■ 64.3650, 13.1311,
-11.7211

■ 255.0000, 0.0000,
0.0000

■ 41.8380, 12.4049,
-12.1359

■ 112.5930, 14.0047,
-11.9211

■ 20.4140, 12.1209,
-14.3951

■ 138.1200, 14.7308,
-11.5062

■ 3.4370, 10.6306,
-3.0142

■ 164.2340, 15.1676,
-11.6062

■ 0.0000, 0.0000,
0.0000

■ 191.9350, 15.3150,
-12.2210

■ 219.4620, 16.0412,
-11.8062

■ 245.1990, 4.8319,

-9.8215

■ 64.3650, 13.1311,
-11.7211

■ 64.3650, 13.1311,
-11.7211

■ 58.1520, 16.1941,
-14.1653

■ 70.5780, 10.0680,
-9.2769

■ 52.5260, 18.9677,
-17.1243

■ 76.2040, 7.2944,
-6.3179

■ 46.3130, 22.0307,
-19.5685

■ 82.4170, 4.2314,
-3.8737

■ 40.1000, 25.0937,
-22.0127

■ 88.6300, 1.1684,
-1.4295

■ 34.4740, 27.8673,
-24.9717

■ 94.5550, -1.7526,
2.1443

■ 30.3320, 29.9093,
-26.6012

■ 100.7680, -4.8156,
4.5885

■ 106.9810, -7.8786,
7.0327

■ 113.1940,
-10.9416, 9.4769

■ 118.8200,
-13.7153, 12.4359

Harmonies

Analogous

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



60.3910, 13.6112, -25.7759



64.3650, 13.1311, -11.7211



66.6550, 10.0301, 2.9336

Triad

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



64.3650, 13.1311, -11.7211



66.1830, -7.4852, 20.8875



61.2770, -3.5876, -16.0289

Complementary

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



64.3650, 13.1311, -11.7211



77.6350, -13.1311, 11.7211

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.



62.8610, -9.2985, -4.2631



64.3650, 13.1311, -11.7211



65.4120, -11.5421, 15.4247

Square

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



64.3650, 13.1311, -11.7211



67.0780, -1.5175, 20.1026



64.2430, -11.9518, 6.8029



58.8610, 4.0125, -27.0651

Rectangle

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



64.3650, 13.1311, -11.7211



67.7870, 6.5140, 10.7108



64.2430, -11.9518, 6.8029



61.7290, -5.7824, -12.0403

Sweetspot

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



64.3650, 13.1311, -11.7211



107.2320, 4.8156, -4.5885



77.3300, -0.6557, -23.0914



52.4880, 3.2104, -3.0590



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



64.3650, 13.1311, -11.7211



75.5690, 20.4255, -18.0390



57.0550, 16.7349, -0.9252



42.7440, 1.6052, -1.5295



36.6070, 36.1827, -32.1043



79.2610, 77.7653, -69.5119

Inverse Universe

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



64.6700, 0.6557, 23.0914



76.1600, 0.9071, 35.8167



84.9450, -16.7349, 0.9252



42.7230, 0.1366, 2.8739



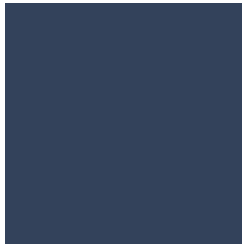
37.5640, 1.6939, 63.5264



81.0090, 3.9396, 136.8041

Previews

White Background



This preview shows how the YUV color 64.3650, 13.1311, -11.7211 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 64.3650, 13.1311, -11.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

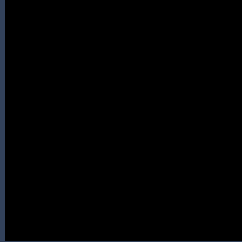
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

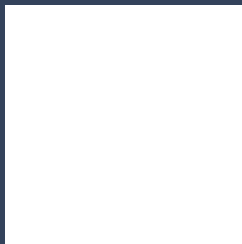
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 64.3650, 13.1311, -11.7211

Background



This preview shows how black text looks on a background with the YUV color 64.3650, 13.1311, -11.7211.



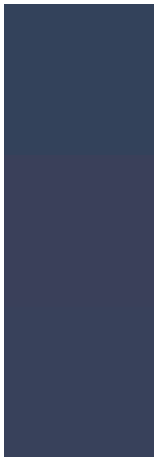
This preview shows how white text looks on a background with the YUV color 64.3650, 13.1311, -11.7211.

-11.7211.

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

64.3650, 13.1311, -11.7211

Protanopia

65.1700, 12.2412, -6.2881

Deuteranopia

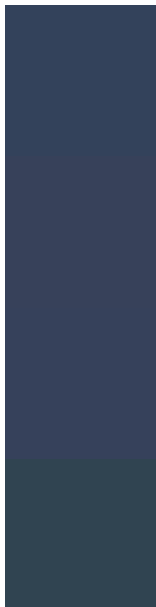
65.2730, 12.6834, -8.1324



Tritanopia

62.8070, 6.0111, -14.7397

Trichromacy



Original Color

64.3650, 13.1311, -11.7211

Protanomaly

64.8600, 12.3940, -8.6472

Deuteranomaly

64.6750, 12.9782, -9.3620

Tritanomaly

63.5020, 8.6265, -13.5953

Monochromacy



Original Color

64.3650, 13.1311, -11.7211

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2320, 4.8156, -4.5885

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3650, 13.1311, -11.7211 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(51, 66, 91)` looks like.

```
.text, #text, p{  
    color:rgb(51, 66, 91)  
}
```

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(51, 66, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 66, 91) }
```

Border

The CSS property to change the border of an element to YUV 64.3650, 13.1311, -11.7211 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(51, 66, 91) }
```


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

```
.border{ border-color:rgb(51, 66, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 66, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 66, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 66, 91);  
box-shadow:4px 4px 4px 4px rgb(51, 66, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.3650, 13.1311, -11.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 66, 91) }
```

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

```
.background{ background-color: rgb(51, 66,  
91) }
```

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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