

Converting Colors

YUV(50.6640, 12.9836,
-11.1063)

Have a look what the booklet for
YUV(50.6640, 12.9836, -11.1063)
contains.

YUV(50.6640, 12.9836, -11.1063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(50.6640, 12.9836,
-11.1063)**

Conversions

Conversions Part 1

Format	Color
Hex	26344D
RGB	38, 52, 77
RGB Percent	15%, 20%, 30%
CMY	0.8510, 0.7961, 0.6980
CMYK	0.51, 0.32, 0.00, 0.70
HSL	218°, 34%, 23%
HSV	218°, 51%, 30%
XYZ	3.3669, 3.4039, 7.5007
YIQ	50.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

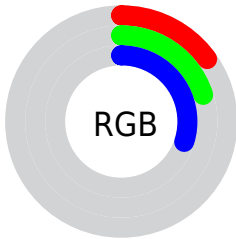
Format	Color
RYB	38, 48, 77
Decimal	2503757
CIELab	21.59, 2.17, -17.17
CIELCh	22, 17.306, 277.196
Yxy	3.4039, 0.2359, 0.2385
Android (android.graphics.Color)	4280693837 (0xFF26344D)
YUV	50.6640, 12.9836, -11.1063
Hunter-Lab	18.4496, 0.2878, -11.1898

Details

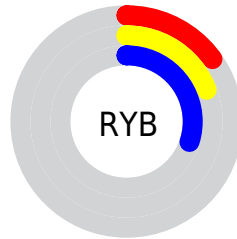
The YUV color **50.6640, 12.9836, -11.1063** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **64.3360, -12.9836, 11.1063**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.3050, 14.1466, -10.7915**, and **7.2840, 12.6780, -6.3881** is the 20% darker color. If you saturate the color by 10%, you get **45.3370, 15.6099, -13.4505**, and if you desaturate by 10%, it is **55.9910, 10.3574, -8.7621**.

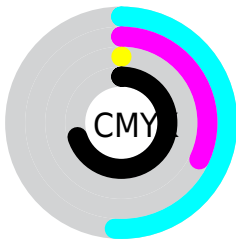
Distribution



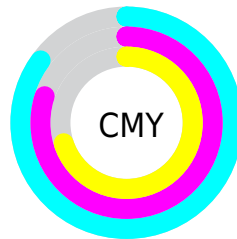
- Red (15%)
- Green (20%)
- Blue (30%)



- Red (15%)
- Yellow (19%)
- Blue (30%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (70%)



- Cyan (85%)
- Magenta (80%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.6640, 12.9836, -11.1063 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 50.6640, 12.9836, -11.1063 by changing the saturation by 10% instead.

■ 50.6640, 12.9836,
-11.1063

■ 50.6640, 12.9836,
-11.1063

■ 255.0000, 0.0000,
0.0000

■ 28.8380, 12.4049,
-12.1359

■ 97.3050, 14.1466,
-10.7915

■ 7.2840, 12.6780,
-6.3881

■ 122.4190, 14.5834,
-10.8915

■ 0.7980, 3.0576,
-0.6998

■ 148.5330, 15.0202,
-10.9914

■ 0.0000, 0.0000,
0.0000

■ 174.9460, 15.3096,
-10.4766

■ 202.7610, 15.8938,
-11.1914

■ 229.8490, 12.3994,

-10.3916

252.6080, 1.1793,
-4.9182

50.6640, 12.9836,
-11.1063

50.6640, 12.9836,
-11.1063

45.3370, 15.6099,
-13.4505

55.9910, 10.3574,
-8.7621

40.3090, 18.0887,
-15.1800

61.0190, 7.8786,
-7.0327

34.9820, 20.7149,
-17.5242

66.3460, 5.2524,
-4.6884

29.6550, 23.3411,
-19.8684

71.6730, 2.6262,
-2.3442

25.2140, 25.5305,
-22.1127

77.0000, 0.0000,
0.0000

■ 82.0280, -2.4788,
1.7294

■ 87.3550, -5.1050,
4.0737

■ 92.0950, -7.4418,
6.9327

■ 97.1230, -9.9206,
8.6621

Harmonies

Analogous

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



45.6080, 14.4903, -27.7202



50.6640, 12.9836, -11.1063



52.8400, 9.4459, 3.6483

Triad

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



50.6640, 12.9836, -11.1063



52.4710, -7.6272, 19.7579



46.7930, -2.8559, -17.3585

Complementary

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



50.6640, 12.9836, -11.1063



64.3360, -12.9836, 11.1063

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.



49.2630, -9.0037, -5.4927



50.6640, 12.9836, -11.1063



51.7000, -11.6841, 14.2951

Square

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



50.6640, 12.9836, -11.1063



52.9640, -1.9543, 20.2026



50.5310, -12.0938, 5.6733



42.9960, 5.9180, -31.5685

Rectangle

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



50.6640, 12.9836, -11.1063



53.3850, 6.2192, 11.9404



50.5310, -12.0938, 5.6733



47.5440, -5.1982, -12.7551

Sweetspot

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



50.6640, 12.9836, -11.1063



89.5310, 4.6682, -3.9737



63.7430, -0.3663, -22.5766



44.7870, 3.0630, -2.4442



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



50.6640, 12.9836, -11.1063



58.7540, 19.8413, -17.3243



43.9410, 16.2981, -0.8253



35.6300, 1.1684, -1.4295



33.3470, 33.8459, -29.2453



74.3540, 76.7335, -65.2085

Inverse Universe

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



51.2570, 0.3663, 22.5766



59.4480, 0.7651, 34.6871



71.0590, -16.2981, 0.8253



35.4240, 0.2840, 2.2592



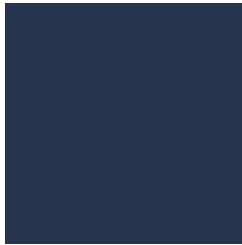
34.7160, 1.1260, 59.0081



78.1180, 1.9138, 133.2005

Previews

White Background



This preview shows how the YUV color 50.6640, 12.9836, -11.1063 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 50.6640, 12.9836, -11.1063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

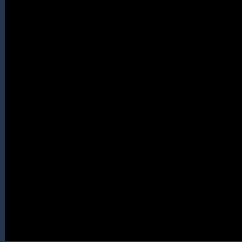
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.6640, 12.9836, -11.1063

Background



This preview shows how black text looks on a background with the YUV color 50.6640, 12.9836, -11.1063.



This preview shows how white text looks on a background with the YUV color 50.6640, 12.9836,

-11.1063.

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

50.6640, 12.9836, -11.1063

Protanopia

51.4580, 12.0992, -7.4177

Deuteranopia

50.6750, 12.9782, -9.3620



Tritanopia

48.6930, 5.5744, -14.6398

Trichromacy



Original Color

50.6640, 12.9836, -11.1063

Protanomaly

50.8600, 12.3940, -8.6472

Deuteranomaly

50.3760, 13.1256, -9.9768

Tritanomaly

49.3880, 8.1897, -13.4953

Monochromacy



Original Color

50.6640, 12.9836, -11.1063

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.5310, 4.6682, -3.9737

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.6640, 12.9836, -11.1063 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(38, 52, 77)` looks like.

```
.text, #text, p{  
    color:rgb(38, 52, 77)  
}
```

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(38, 52, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 52, 77) }
```

Border

The CSS property to change the border of an element to YUV 50.6640, 12.9836, -11.1063 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(38, 52, 77) }
```


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

```
.border{ border-color:rgb(38, 52, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 52, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 52, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 52, 77);  
box-shadow:4px 4px 4px 4px rgb(38, 52, 77)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.6640, 12.9836, -11.1063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 52, 77) }
```

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

```
.background{ background-color: rgb(38, 52,  
77) }
```

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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