

Converting Colors

YUV(61.2640, 6.2788, -7.2475)

Have a look what the booklet for
YUV(61.2640, 6.2788, -7.2475)
contains.

YUV(61.2640, 6.2788, -7.2475)	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(61.2640, 6.2788,
-7.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	353F4A
RGB	53, 63, 74
RGB Percent	21%, 25%, 29%
CMY	0.7922, 0.7529, 0.7098
CMYK	0.28, 0.15, 0.00, 0.71
HSL	211°, 17%, 25%
HSV	211°, 28%, 29%
XYZ	4.4817, 4.8063, 7.1701
YIQ	61.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

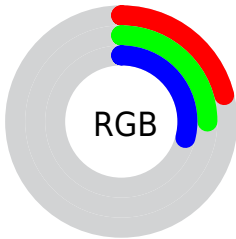
Format	Color
R_{YB}	53, 60, 74
Decimal	3489610
CIE Lab	26.18, -1.15, -8.05
CIE LCh	26, 8.130, 261.833
Yxy	4.8063, 0.2723, 0.2920
Android (android.graphics.Color)	4281679690 (0xFF353F4A)
YUV	61.2640, 6.2788, -7.2475
Hunter-Lab	21.9233, -1.8754, -4.0446

Details

The YUV color **61.2640, 6.2788, -7.2475** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.7360, -6.2788, 7.2475**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.0790, 6.8631, -7.9623**, and **18.7370, 5.5527, -7.6623** is the 20% darker color. If you saturate the color by 10%, you get **56.8230, 8.4683, -9.4918**, and if you desaturate by 10%, it is **65.7050, 4.0894, -5.0033**.

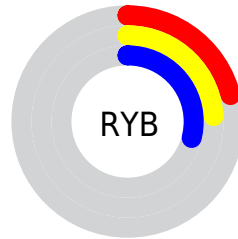
Distribution



Red (21%)

Green (25%)

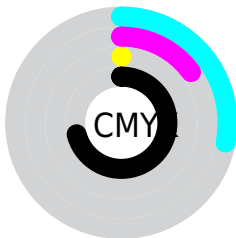
Blue (29%)



Red (21%)

Yellow (24%)

Blue (29%)

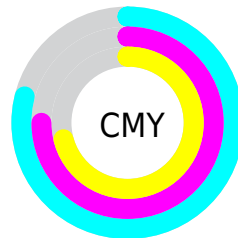


Cyan (28%)

Magenta (15%)

Yellow (0%)

Black (71%)



Cyan (79%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2640, 6.2788, -7.2475 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 61.2640, 6.2788, -7.2475 by changing the saturation by 10% instead.

■ 61.2640, 6.2788,
-7.2475

■ 61.2640, 6.2788,
-7.2475

■ 255.0000, 0.0000,
0.0000

■ 39.1500, 5.8421,
-7.1475

■ 109.0790, 6.8631,
-7.9623

■ 18.7370, 5.5527,
-7.6623

■ 134.0790, 6.8631,
-7.9623

■ 0.4560, 1.7472,
-0.3999

■ 160.1930, 7.2999,
-8.0623

■ 0.0000, 0.0000,
0.0000

■ 187.1930, 7.2999,
-8.0623

■ 215.0080, 7.8841,
-8.7770

■ 242.8510, 5.9895,

-7.7623

■ 61.2640, 6.2788,
-7.2475

■ 61.2640, 6.2788,
-7.2475

■ 56.8230, 8.4683,
-9.4918

■ 65.7050, 4.0894,
-5.0033

■ 52.0830, 10.8051,
-12.3508

■ 70.4450, 1.7526,
-2.1443

■ 47.6420, 12.9945,
-14.5950

■ 74.8860, -0.4368,
0.1000

■ 42.9020, 15.3313,
-17.4541

■ 79.6260, -2.7736,
2.9590

■ 39.0480, 17.2313,
-20.2131

■ 83.4800, -4.6736,
5.7180

■ 34.6070, 19.4207,
-22.4573

■ 87.9210, -6.8631,
7.9623

■ 29.8670, 21.7576,
-25.3164

■ 92.6610, -9.1999,
10.8213

■ 28.9810, 22.1944,
-25.4163

■ 97.1020, -11.3893,
13.0655

■ 101.8420,
-13.7261, 15.9246

Harmonies

Analogous

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



60.3020, 5.2741, -11.6659



61.2640, 6.2788, -7.2475



62.3680, 5.2416, -1.1997

Triad

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



61.2640, 6.2788, -7.2475



63.0830, -2.5059, 10.4512



60.7560, -3.3307, -5.0480

Complementary

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



61.2640, 6.2788, -7.2475



65.7360, -6.2788, 7.2475

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.



61.2190, -5.5310, 0.6849



61.2640, 6.2788, -7.2475



62.3880, -5.1213, 9.3067

Square

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



61.2640, 6.2788, -7.2475



63.1690, 0.4097, 8.6218



61.8390, -5.8366, 5.4032



59.6460, 0.1745, -9.3365

Rectangle

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



61.2640, 6.2788, -7.2475



63.0480, 3.9203, 2.5889



61.8390, -5.8366, 5.4032



60.6530, -3.7729, -3.2037

Sweetspot

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



61.2640, 6.2788, -7.2475



91.3740, 2.7736, -2.9590



66.5810, -1.2724, -11.9105



45.3310, 1.3158, -2.0443



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



61.2640, 6.2788, -7.2475



77.1540, 9.7841, -11.5361



55.3940, 9.1728, -2.0995



35.6300, 1.1684, -1.4295



40.3910, 30.3732, -35.4229



90.2030, 68.9199, -79.1080

Inverse Universe

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



60.4190, 1.2724, 11.9105



75.6910, 2.1243, 18.6880



71.6060, -9.1728, 2.0995



35.4240, 0.2840, 2.2592



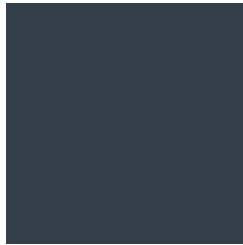
36.0840, 6.3676, 57.8083



81.1960, 13.7074, 130.5011

Previews

White Background



This preview shows how the YUV color 61.2640, 6.2788, -7.2475 looks on a white background.

Color Contrast Check

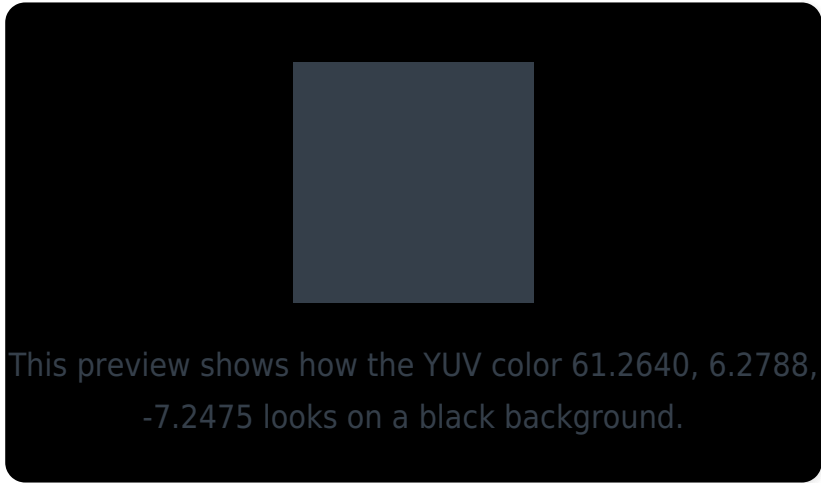
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

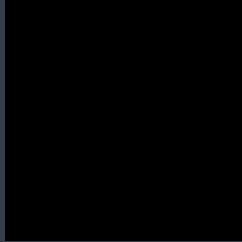
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2640, 6.2788, -7.2475

Background



This preview shows how black text looks on a background with the YUV color 61.2640, 6.2788, -7.2475.



This preview shows how white text looks on a background with the YUV color 61.2640, 6.2788, -7.2475.

-7.2475.

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

61.2640, 6.2788, -7.2475

Protanopia

62.0690, 5.3890, -1.8145

Deuteranopia

62.3080, 6.2572, -0.2701



Tritanopia

60.9820, 3.9529, -7.8772

Trichromacy



Original Color

61.2640, 6.2788, -7.2475

Protanomaly

61.7590, 5.5418, -4.1736

Deuteranomaly

61.9980, 6.4100, -2.6292

Tritanomaly

61.2100, 4.8265, -8.0772

Monochromacy



Original Color

61.2640, 6.2788, -7.2475

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2600, 2.3368, -2.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2640, 6.2788, -7.2475 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(53, 63, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 63, 74)  
}
```

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(53, 63, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 63, 74) }
```

Border

The CSS property to change the border of an element to YUV 61.2640, 6.2788, -7.2475 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(53, 63, 74) }
```


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

```
.border{ border-color:rgb(53, 63, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 63, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 63, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 63, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 63, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.2640, 6.2788, -7.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 63, 74) }
```

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

```
.background{ background-color: rgb(53, 63,  
74) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor