

Converting Colors

YUV(47.5630, 6.1314, -6.6328)

Have a look what the booklet for
YUV(47.5630, 6.1314, -6.6328)
contains.

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Color

**YUV(47.5630, 6.1314,
-6.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	28313C
RGB	40, 49, 60
RGB Percent	16%, 19%, 24%
CMY	0.8431, 0.8078, 0.7647
CMYK	0.33, 0.18, 0.00, 0.76
HSL	213°, 20%, 20%
HSV	213°, 33%, 24%
XYZ	2.7890, 2.9740, 4.7020
YIQ	47.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

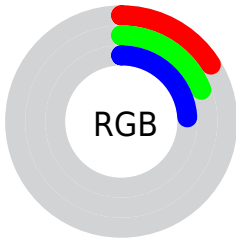
Format	Color
RYB	40, 46, 60
Decimal	2634044
CIELab	19.94, -0.69, -8.20
CIELCh	20, 8.232, 265.181
Yxy	2.9740, 0.2665, 0.2842
Android (android.graphics.Color)	4280824124 (0xFF28313C)
YUV	47.5630, 6.1314, -6.6328
Hunter-Lab	17.2452, -1.3112, -4.0940

Details

The YUV color **47.5630, 6.1314, -6.6328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.4370, -6.1314, 6.6328**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6770, 6.5682, -6.7327**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **44.0080, 7.8841, -8.7770**, and if you desaturate by 10%, it is **51.1180, 4.3788, -4.4885**.

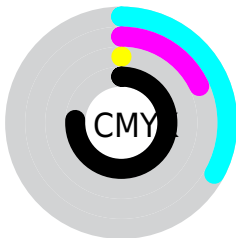
Distribution



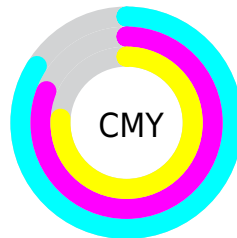
- Red (16%)
- Green (19%)
- Blue (24%)



- Red (16%)
- Yellow (18%)
- Blue (24%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5630, 6.1314, -6.6328 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 47.5630, 6.1314, -6.6328 by changing the saturation by 10% instead.

■ 47.5630, 6.1314,
-6.6328

■ 47.5630, 6.1314,
-6.6328

■ 255.0000, 0.0000,
0.0000

■ 26.4490, 5.6946,
-6.5328

■ 93.6770, 6.5682,
-6.7327

■ 2.6390, 7.5730,
-2.3144

■ 118.4920, 7.1524,
-7.4475

■ 0.0000, 0.0000,
0.0000

■ 143.9050, 7.4418,
-6.9327

■ 170.6060, 7.5892,
-7.5475

■ 197.6060, 7.5892,
-7.5475

■ 225.7200, 8.0260,

-7.6474

252.0100, 1.4741,
-6.1478

47.5630, 6.1314,
-6.6328

47.5630, 6.1314,
-6.6328

44.0080, 7.8841,
-8.7770

51.1180, 4.3788,
-4.4885

39.8660, 9.9261,
-10.4065

55.2600, 2.3368,
-2.8590

36.3110, 11.6787,
-12.5507

58.8150, 0.5842,
-0.7148

32.7560, 13.4313,
-14.6950

62.3700, -1.1684,
1.4295

29.2010, 15.1839,
-16.8393

65.9250, -2.9210,
3.5738

■ 25.0590, 17.2259,
-18.4687

■ 70.0670, -4.9630,
5.2032

■ 22.6890, 18.3943,
-19.8983

■ 73.6220, -6.7156,
7.3475

■ 77.1770, -8.4683,
9.4918

■ 81.3190, -10.5103,
11.1212

Harmonies

Analogous

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



46.7150, 5.5635, -11.1511



47.5630, 6.1314, -6.6328



48.6670, 5.0942, -0.5850

Triad

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



47.5630, 6.1314, -6.6328



48.9690, -2.9427, 10.5512



46.5710, -2.7465, -5.7628

Complementary

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



47.5630, 6.1314, -6.6328



52.4370, -6.1314, 6.6328

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.



47.0340, -4.9468, -0.0298



47.5630, 6.1314, -6.6328



49.0890, -4.9739, 8.6919

Square

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



47.5630, 6.1314, -6.6328



49.3540, -0.1745, 9.3365



47.8390, -5.8366, 5.4032



46.3470, 0.3219, -9.9513

Rectangle

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



47.5630, 6.1314, -6.6328



49.3470, 3.7729, 3.2037



47.8390, -5.8366, 5.4032



46.7670, -3.3361, -3.3037

Sweetspot

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



47.5630, 6.1314, -6.6328



74.2600, 2.3368, -2.8590



52.9940, -0.9830, -11.3957



37.7440, 1.6052, -1.5295



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



47.5630, 6.1314, -6.6328



59.4530, 9.6367, -10.9213



42.5790, 8.5886, -1.3848



28.9290, 1.0210, -0.8147



35.3700, 28.9046, -31.0195



84.0080, 68.0301, -73.6750

Inverse Universe

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



47.0060, 0.9830, 11.3957



58.2780, 1.8349, 18.1732



57.4210, -8.5886, 1.3848



29.0110, -0.0054, 1.7444



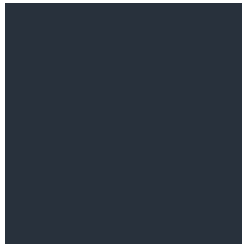
32.8940, 4.4893, 53.5900



77.7780, 10.9554, 126.4827

Previews

White Background



This preview shows how the YUV color 47.5630, 6.1314, -6.6328 looks on a white background.

Color Contrast Check

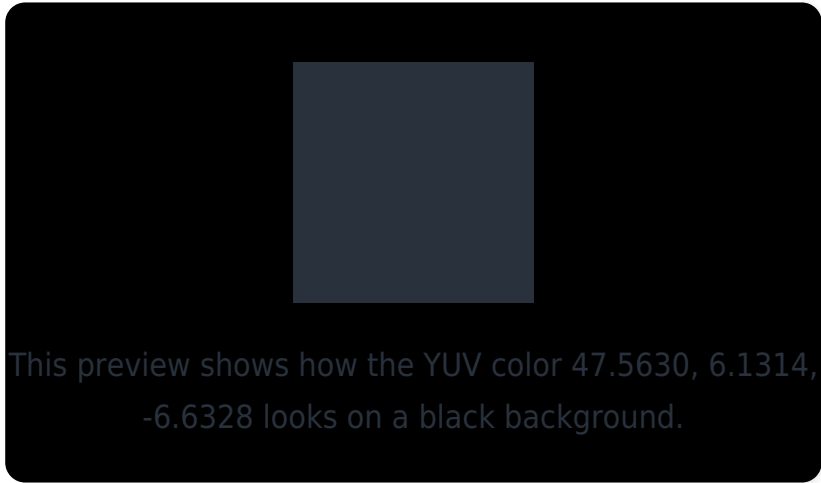
Large Text (above 18pt) WCAG AA ✓ Pass

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

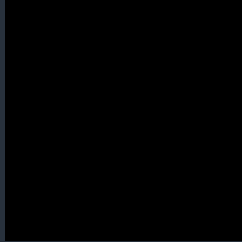
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5630, 6.1314, -6.6328

Background



This preview shows how black text looks on a background with the YUV color 47.5630, 6.1314, -6.6328.



This preview shows how white text looks on a background with the YUV color 47.5630, 6.1314, -6.6328.

-6.6328.

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

47.5630, 6.1314, -6.6328

Protanopia

48.3570, 5.2470, -2.9441

Deuteranopia

48.1830, 5.8258, -1.9145



Tritanopia

47.1670, 3.3687, -7.1625

Trichromacy



Original Color

47.5630, 6.1314, -6.6328

Protanomaly

47.7590, 5.5418, -4.1736

Deuteranomaly

48.1720, 5.8312, -3.6588

Tritanomaly

47.3950, 4.2423, -7.3624

Monochromacy



Original Color

47.5630, 6.1314, -6.6328

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.5590, 2.1894, -2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5630, 6.1314, -6.6328 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(40, 49, 60)` looks like.

```
.text, #text, p{  
    color:rgb(40, 49, 60)  
}
```

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(40, 49, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 49, 60) }
```

Border

The CSS property to change the border of an element to YUV 47.5630, 6.1314, -6.6328 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(40, 49, 60) }
```


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

```
.border{ border-color:rgb(40, 49, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 49, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 49, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 49, 60);  
box-shadow:4px 4px 4px 4px rgb(40, 49, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5630, 6.1314, -6.6328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 49, 60) }
```

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

```
.background{ background-color: rgb(40, 49,  
60) }
```

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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