

Converting Colors

YUV(41.5630, 6.1314, -6.6328)

Have a look what the booklet for
YUV(41.5630, 6.1314, -6.6328)
contains.

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Color

**YUV(41.5630, 6.1314,
-6.6328)**

Conversions

Conversions Part 1

Format	Color
Hex	222B36
RGB	34, 43, 54
RGB Percent	13%, 17%, 21%
CMY	0.8667, 0.8314, 0.7882
CMYK	0.37, 0.20, 0.00, 0.79
HSL	213°, 23%, 17%
HSV	213°, 37%, 21%
XYZ	2.1894, 2.3342, 3.8252
YIQ	41.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

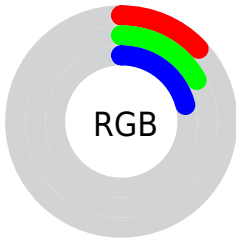
Format	Color
RYB	34, 40, 54
Decimal	2239286
CIELab	17.15, -0.63, -8.35
CIELCh	17, 8.369, 265.693
Yxy	2.3342, 0.2622, 0.2796
Android (android.graphics.Color)	4280429366 (0xFF222B36)
YUV	41.5630, 6.1314, -6.6328
Hunter-Lab	15.2780, -1.1565, -4.1499

Details

The YUV color **41.5630, 6.1314, -6.6328** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.4370, -6.1314, 6.6328**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.7910, 7.0050, -6.8327**, and **0.9120, 3.4944, -0.7998** is the 20% darker color. If you saturate the color by 10%, you get **38.3070, 7.7366, -8.1622**, and if you desaturate by 10%, it is **44.8190, 4.5262, -5.1033**.

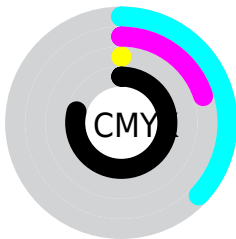
Distribution



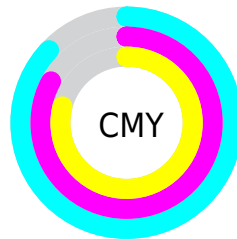
- Red (13%)
- Green (17%)
- Blue (21%)



- Red (13%)
- Yellow (16%)
- Blue (21%)



- Cyan (37%)
- Magenta (20%)
- Yellow (0%)
- Black (79%)



- Cyan (87%)
- Magenta (83%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.5630, 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 41.5630, 6.1314, -6.6328 by changing the saturation by 10% instead.

■ 41.5630, 6.1314,
-6.6328

■ 41.5630, 6.1314,
-6.6328

■ 255.0000, 0.0000,
0.0000

■ 21.1500, 5.8421,
-7.1475

■ 86.7910, 7.0050,
-6.8327

■ 0.9120, 3.4944,
-0.7998

■ 111.4920, 7.1524,
-7.4475

■ 0.0000, 0.0000,
0.0000

■ 136.6060, 7.5892,
-7.5475

■ 162.6060, 7.5892,
-7.5475

■ 189.7200, 8.0260,
-7.6474

■ 217.7200, 8.0260,

-7.6474

245.5090, 4.6791,
-7.4624

41.5630, 6.1314,
-6.6328

41.5630, 6.1314,
-6.6328

38.3070, 7.7366,
-8.1622

44.8190, 4.5262,
-5.1033

34.7520, 9.4893,
-10.3065

48.3740, 2.7736,
-2.9590

31.4960, 11.0945,
-11.8360

51.6300, 1.1684,
-1.4295

27.9410, 12.8471,
-13.9803

55.1850, -0.5842,
0.7148

24.6850, 14.4523,
-15.5097

58.4410, -2.1894,
2.2442

■ 21.4290, 16.0575,
-17.0392

■ 61.6970, -3.7946,
3.7737

■ 20.2440, 16.6417,
-17.7540

■ 65.2520, -5.5472,
5.9180

■ 68.5080, -7.1524,
7.4475

■ 72.0630, -8.9051,
9.5917

Harmonies

Analogous

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



40.4160, 5.7109, -11.7658



41.5630, 6.1314, -6.6328



42.6670, 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.



41.5630, 6.1314, -6.6328



42.9690, -2.9427, 10.5512



40.5710, -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.



41.5630, 6.1314, -6.6328



46.4370, -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.



41.0340, -4.9468, -0.0298



41.5630, 6.1314, -6.6328



42.7900, -4.8265, 8.0772

Square

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



41.5630, 6.1314, -6.6328



43.3540, -0.1745, 9.3365



42.4260, -6.1260, 4.8884



40.0480, 0.4693, -10.5661

Rectangle

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



41.5630, 6.1314, -6.6328



43.3470, 3.7729, 3.2037



42.4260, -6.1260, 4.8884



40.7670, -3.3361, -3.3037

Sweetspot

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



41.5630, 6.1314, -6.6328



66.5590, 2.1894, -2.2442



46.9940, -0.9830, -11.3957



32.7440, 1.6052, -1.5295



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



41.5630, 6.1314, -6.6328



51.7520, 9.4893, -10.3065



36.5790, 8.5886, -1.3848



26.5160, 0.7316, -1.3295



34.5550, 28.3204, -30.3047



83.0790, 67.0091, -72.8603

Inverse Universe

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



41.0060, 0.9830, 11.3957



50.8650, 1.5456, 17.6584



51.4210, -8.5886, 1.3848



26.1250, 0.4314, 1.6444



32.1820, 4.3473, 52.4604



76.7670, 10.9609, 124.7383

Previews

White Background



This preview shows how the YUV color 41.5630, 6.1314, -6.6328 looks on a white background.

Color Contrast Check

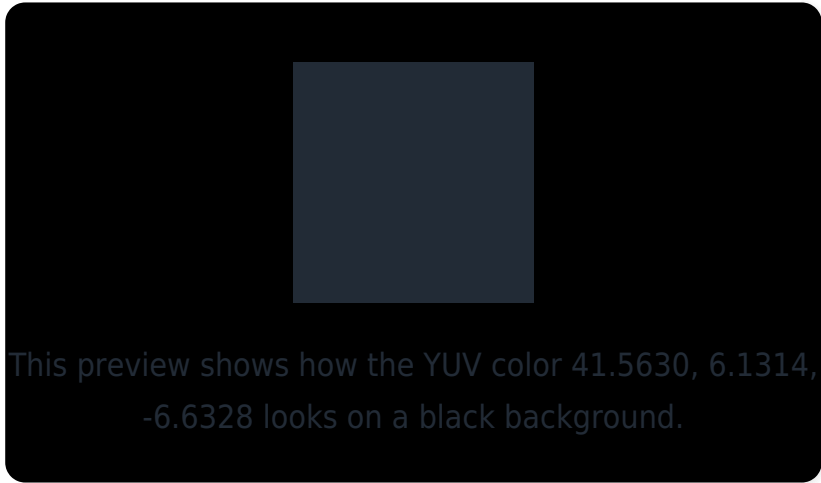
Large Text (above 18pt) WCAG AA ✓ Pass

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

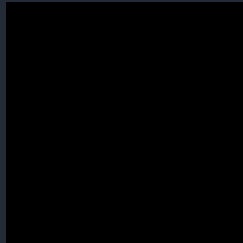
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

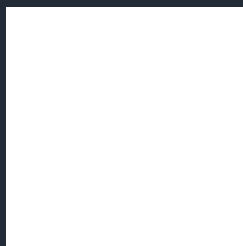
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.5630, 6.1314, -6.6328

Background



This preview shows how black text looks on a background with the YUV color 41.5630, 6.1314, -6.6328.



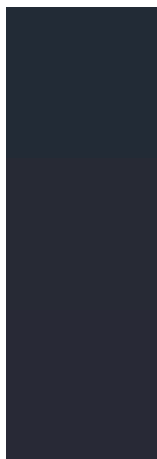
This preview shows how white text looks on a background with the YUV color 41.5630, 6.1314, -6.6328.

-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

41.5630, 6.1314, -6.6328

Protanopia

42.3570, 5.2470, -2.9441

Deuteranopia

42.1830, 5.8258, -1.9145



Tritanopia

40.8680, 3.5161, -7.7772

Trichromacy



Original Color

41.5630, 6.1314, -6.6328

Protanomaly

41.7590, 5.5418, -4.1736

Deuteranomaly

42.1720, 5.8312, -3.6588

Tritanomaly

41.3950, 4.2423, -7.3624

Monochromacy



Original Color

41.5630, 6.1314, -6.6328

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.5590, 2.1894, -2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.5630, 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(34, 43, 54)` looks like.

```
.text, #text, p{  
    color:rgb(34, 43, 54)  
}
```

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(34, 43, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 43, 54) }
```

Border

The CSS property to change the border of an element to YUV 41.5630, 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(34, 43, 54) }
```


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

```
.border{ border-color:rgb(34, 43, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 43, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 43, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 43, 54);  
box-shadow:4px 4px 4px 4px rgb(34, 43, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.5630, 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(34, 43, 54) }
```

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

```
.background{ background-color: rgb(34, 43,  
54) }
```

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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