

Converting Colors

YUV(52.4970, 6.1640, -17.0989)

Have a look what the booklet for
YUV(52.4970, 6.1640, -17.0989)
contains.

YUV(52.4970, 6.1640, -17.0989)	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(52.4970, 6.1640,
-17.0989)**

Conversions

Conversions Part 1

Format	Color
Hex	213C41
RGB	33, 60, 65
RGB Percent	13%, 24%, 25%
CMY	0.8706, 0.7647, 0.7451
CMYK	0.49, 0.08, 0.00, 0.75
HSL	189°, 33%, 19%
HSV	189°, 49%, 25%
XYZ	3.1972, 3.9367, 5.5924
YIQ	52.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

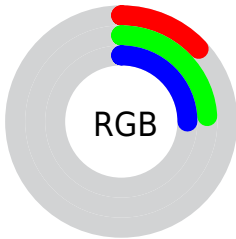
Format	Color
RYB	33, 48, 65
Decimal	2178113
CIELab	23.46, -8.69, -6.31
CIElCh	23, 10.735, 215.980
Yxy	3.9367, 0.2512, 0.3093
Android (android.graphics.Color)	4280368193 (0xFF213C41)
YUV	52.4970, 6.1640, -17.0989
Hunter-Lab	19.8411, -5.9586, -2.8226

Details

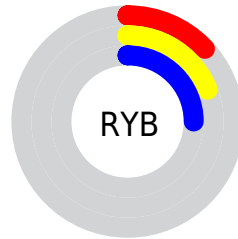
The YUV color **52.4970, 6.1640, -17.0989** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **45.5030, -6.1640, 17.0989**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6110, 6.6008, -17.1988**, and **13.1880, 4.8373, -11.5659** is the 20% darker color. If you saturate the color by 10%, you get **50.1160, 7.3378, -20.2727**, and if you desaturate by 10%, it is **55.1770, 4.8427, -13.3102**.

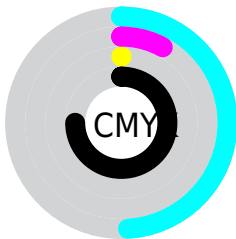
Distribution



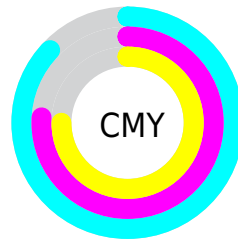
- Red (13%)
- Green (24%)
- Blue (25%)



- Red (13%)
- Yellow (19%)
- Blue (25%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (75%)



- Cyan (87%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4970, 6.1640, -17.0989 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 52.4970, 6.1640, -17.0989 by changing the saturation by 10% instead.

■ 52.4970, 6.1640,
-17.0989

■ 52.4970, 6.1640,
-17.0989

■ 255.0000, 0.0000,
0.0000

■ 30.1980, 6.3114,
-17.7136

■ 99.6110, 6.6008,
-17.1988

■ 13.1880, 4.8373,
-11.5659

■ 124.8990, 6.4588,
-18.3284

■ 0.0000, 0.0000,
0.0000

■ 150.8990, 6.4588,
-18.3284

■ 177.7140, 7.0430,
-19.0432

■ 204.7140, 7.0430,
-19.0432

■ 233.4150, 7.1904,

-19.6580

250.5150, 2.2111,
-9.2217

52.4970, 6.1640,
-17.0989

52.4970, 6.1640,
-17.0989

50.1160, 7.3378,
-20.2727

55.1770, 4.8427,
-13.3102

47.4360, 8.6591,
-24.0614

57.5580, 3.6689,
-10.1364

45.0550, 9.8329,
-27.2352

60.2380, 2.3477,
-6.3477

42.3750, 11.1541,
-31.0239

62.6190, 1.1738,
-3.1739

39.9940, 12.3280,
-34.1977

65.2990, -0.1474,
0.6148

■ 39.6950, 12.4754,
-34.8125

■ 67.6800, -1.3212,
3.7886

■ 70.3600, -2.6425,
7.5773

■ 72.7410, -3.8163,
10.7511

■ 75.4210, -5.1376,
14.5398

Harmonies

Analogous

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



52.1830, 2.3748, -15.0695



52.4970, 6.1640, -17.0989



53.3880, 8.1897, -13.4953

Triad

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



52.4970, 6.1640, -17.0989



57.4510, 2.7357, 9.2515



55.3720, -7.5784, 4.0588

Complementary

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



52.4970, 6.1640, -17.0989



45.5030, -6.1640, 17.0989

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.



55.8180, -7.3053, 9.8066



52.4970, 6.1640, -17.0989



57.1480, -1.0590, 13.0252

Square

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



52.4970, 6.1640, -17.0989



56.6180, 6.1043, 2.0890



56.8230, -4.8427, 13.3102



54.1970, -5.5201, -2.8038

Rectangle

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



52.4970, 6.1640, -17.0989



55.1220, 8.3209, -8.8770



56.8230, -4.8427, 13.3102



55.6820, -7.7312, 6.4179

Sweetspot

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



52.4970, 6.1640, -17.0989



79.2380, 2.3477, -6.3477



52.3540, -7.0765, -16.9735



40.3200, 1.3212, -3.7886



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



52.4970, 6.1640, -17.0989



64.6530, 9.5381, -26.0057



43.1050, 10.7942, -8.8621



32.1030, 0.4422, -1.8443



59.1920, 18.6393, -51.9114



136.4790, 43.1479, -119.6921

Inverse Universe

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



45.6460, 7.0765, 16.9735



54.3250, 10.6858, 26.0250



54.8950, -10.7942, 8.8621



31.2390, 0.8682, 1.5444



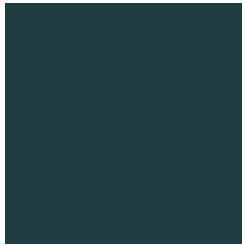
38.3510, 21.5190, 51.4352



88.5220, 49.5357, 118.8142

Previews

White Background



This preview shows how the YUV color 52.4970, 6.1640, -17.0989 looks on a white background.

Color Contrast Check

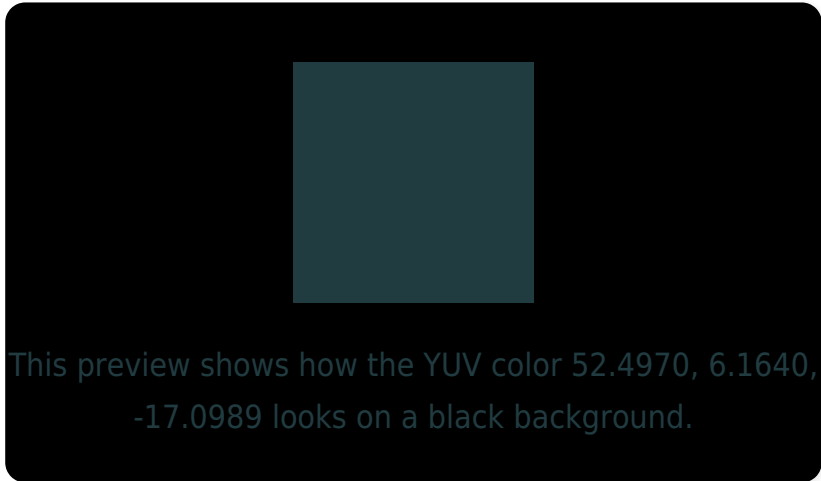
Large Text (above 18pt) WCAG AA ✓ Pass

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

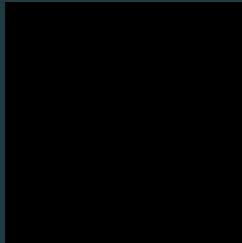
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

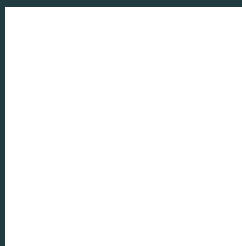
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 52.4970, 6.1640, -17.0989

Background



This preview shows how black text looks on a background with the YUV color 52.4970, 6.1640, -17.0989.



This preview shows how white text looks on a background with the YUV color 52.4970, 6.1640, -17.0989.

-17.0989.

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

52.4970, 6.1640, -17.0989

Protanopia

55.7980, 3.0576, -0.6998

Deuteranopia

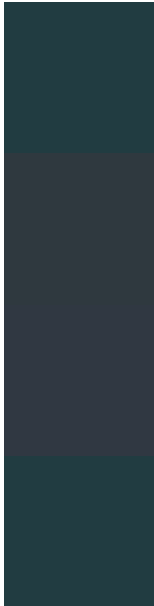
55.9660, 4.9468, 0.0298



Tritanopia

52.4970, 6.1640, -17.0989

Trichromacy



Original Color

52.4970, 6.1640, -17.0989

Protanomaly

54.6940, 4.0949, -6.7476

Deuteranomaly

54.7480, 5.5472, -5.9180

Tritanomaly

52.4970, 6.1640, -17.0989

Monochromacy



Original Color

52.4970, 6.1640, -17.0989

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4970, 6.1640, -17.0989 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(33, 60, 65)` looks like.

```
.text, #text, p{  
    color:rgb(33, 60, 65)  
}
```

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(33, 60, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 60, 65) }
```

Border

The CSS property to change the border of an element to YUV 52.4970, 6.1640, -17.0989 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(33, 60, 65) }
```


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

```
.border{ border-color:rgb(33, 60, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 60, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 60, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 60, 65);  
box-shadow:4px 4px 4px 4px rgb(33, 60, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.4970, 6.1640, -17.0989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 60, 65) }
```

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

```
.background{ background-color: rgb(33, 60,  
65) }
```

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