

Converting Colors

YUV(48.7550, 14.9108,
-22.5871)

Have a look what the booklet for
YUV(48.7550, 14.9108, -22.5871)
contains.

YUV(48.7550, 14.9108, -22.5871)	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(48.7550, 14.9108,
-22.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	17384F
RGB	23, 56, 79
RGB Percent	9%, 22%, 31%
CMY	0.9098, 0.7804, 0.6902
CMYK	0.71, 0.29, 0.00, 0.69
HSL	205°, 55%, 20%
HSV	205°, 71%, 31%
XYZ	3.1788, 3.5750, 7.9196
YIQ	48.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

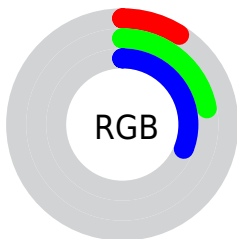
Format	Color
RYB	23, 44, 79
Decimal	1521743
CIELab	22.21, -3.62, -17.60
CIElCh	22, 17.969, 258.378
Yxy	3.5750, 0.2166, 0.2436
Android (android.graphics.Color)	4279711823 (0xFF17384F)
YUV	48.7550, 14.9108, -22.5871
Hunter-Lab	18.9077, -3.0787, -11.5987

Details

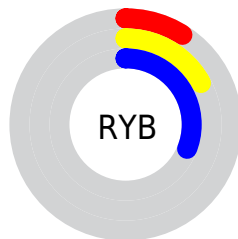
The YUV color **48.7550, 14.9108, -22.5871** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.2450, -14.9108, 22.5871**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8800, 15.3422, -20.9428**, and **11.6210, 11.5258, -10.1916** is the 20% darker color. If you saturate the color by 10%, you get **44.6020, 16.9582, -25.9610**, and if you desaturate by 10%, it is **52.9080, 12.8634, -19.2133**.

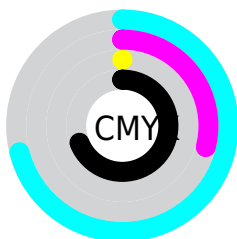
Distribution



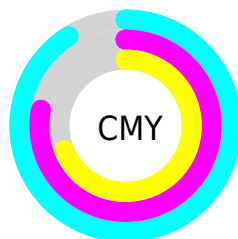
- Red (9%)
- Green (22%)
- Blue (31%)



- Red (9%)
- Yellow (17%)
- Blue (31%)



- Cyan (71%)
- Magenta (29%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.7550, 14.9108, -22.5871 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 48.7550, 14.9108, -22.5871 by changing the saturation by 10% instead.

■ 48.7550, 14.9108,
-22.5871

■ 48.7550, 14.9108,
-22.5871

■ 255.0000, 0.0000,
0.0000

■ 26.9290, 14.3320,
-23.6167

■ 96.8800, 15.3422,
-20.9428

■ 11.6210, 11.5258,
-10.1916

■ 121.9940, 15.7790,
-21.0427

■ 1.1400, 4.3680,
-0.9998

■ 148.1080, 16.2158,
-21.1427

■ 0.0000, 0.0000,
0.0000

■ 174.6350, 16.9419,
-20.7279

■ 202.3360, 17.0894,
-21.3427

■ 229.1960, 12.7214,

-20.3429

■ 249.0200, 2.9481,
-12.2955

■ 48.7550, 14.9108,
-22.5871

■ 48.7550, 14.9108,
-22.5871

■ 44.6020, 16.9582,
-25.9610

■ 52.9080, 12.8634,
-19.2133

■ 40.4490, 19.0056,
-29.3348

■ 57.0610, 10.8159,
-15.8395

■ 36.5950, 20.9057,
-32.0938

■ 61.8010, 8.4791,
-12.9805

■ 65.9540, 6.4317,
-9.6067

■ 70.1070, 4.3842,
-6.2328

■ 73.9610, 2.4842,
-3.4738

■ 78.7010, 0.1474,
-0.6148

■ 82.8540, -1.9000,
2.7590

■ 87.0070, -3.9475,
6.1329

Harmonies

Analogous

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



42.9550, 14.8122, -37.6715



48.7550, 14.9108, -22.5871



53.4690, 12.0938, -5.6733

Triad

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



48.7550, 14.9108, -22.5871



53.9920, -4.4331, 21.9320



49.3980, -7.0982, -9.9960

Complementary

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



48.7550, 14.9108, -22.5871



53.2450, -14.9108, 22.5871

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.



51.5090, -12.0829, 2.1846



48.7550, 14.9108, -22.5871



53.3030, -9.5164, 19.0283

Square

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



48.7550, 14.9108, -22.5871



54.6910, 2.1243, 18.6880



52.7490, -12.6943, 11.6211



46.5580, 0.2179, -23.2914

Rectangle

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



48.7550, 14.9108, -22.5871



54.2530, 9.7353, 4.1631



52.7490, -12.6943, 11.6211



50.2630, -9.0037, -5.4927

Sweetspot

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



48.7550, 14.9108, -22.5871



90.4380, 5.7001, -8.2771



58.3800, -6.5963, -31.0283



44.1780, 3.3632, -5.4181



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.



48.7550, 14.9108, -22.5871



54.8550, 23.2425, -34.9528



32.9060, 22.7243, -8.6876



36.2170, 0.8790, -1.9443



46.8480, 27.1899, -41.0857



105.4650, 61.3958, -92.4928

Inverse Universe

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



43.5060, 6.1595, 31.1282



46.8270, 9.4523, 48.3867



69.0940, -22.7243, 8.6876



35.5380, 0.7208, 2.1592



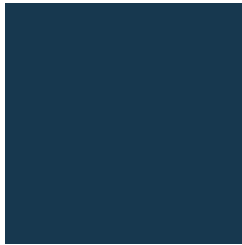
37.3380, 11.1724, 56.7086



84.1600, 25.0641, 127.9017

Previews

White Background



This preview shows how the YUV color 48.7550, 14.9108, -22.5871 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 48.7550, 14.9108, -22.5871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

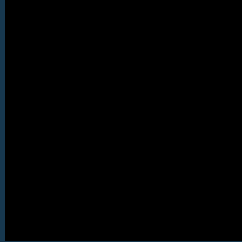
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.7550, 14.9108, -22.5871

Background



This preview shows how black text looks on a background with the YUV color 48.7550, 14.9108, -22.5871.



This preview shows how white text looks on a background with the YUV color 48.7550, 14.9108,

-22.5871.

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

48.7550, 14.9108, -22.5871

Protanopia

52.9420, 11.3676, -6.0881

Deuteranopia

52.4900, 13.5624, -10.0767



Tritanopia

44.9190, 9.4069, -30.6240

Trichromacy



Original Color

48.7550, 14.9108, -22.5871

Protanomaly

51.2510, 12.6943, -11.6211

Deuteranomaly

50.9840, 14.3049, -14.8950

Tritanomaly

46.3970, 11.1433, -27.5352

Monochromacy



Original Color

48.7550, 14.9108, -22.5871

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.7550, 14.9108, -22.5871 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(23, 56, 79)` looks like.

```
.text, #text, p{  
    color:rgb(23, 56, 79)  
}
```

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(23, 56, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 56, 79) }
```

Border

The CSS property to change the border of an element to YUV 48.7550, 14.9108, -22.5871 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(23, 56, 79) }
```


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

```
.border{ border-color:rgb(23, 56, 79) }
```

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

Here you see how a box with a 4 pixel rgb(23, 56, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 56, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 56, 79);  
box-shadow:4px 4px 4px 4px rgb(23, 56, 79)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.7550, 14.9108, -22.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 56, 79) }
```

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

```
.background{ background-color: rgb(23, 56,  
79) }
```

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