

Converting Colors

YUV(45.2500, 14.1738,
-19.5132)

Have a look what the booklet for
YUV(45.2500, 14.1738, -19.5132)
contains.

YUV(45.2500, 14.1738, -19.5132)	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(45.2500, 14.1738,
-19.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	17334A
RGB	23, 51, 74
RGB Percent	9%, 20%, 29%
CMY	0.9098, 0.8000, 0.7098
CMYK	0.69, 0.31, 0.00, 0.71
HSL	207°, 53%, 19%
HSV	207°, 69%, 29%
XYZ	2.7732, 3.0442, 6.9200
YIQ	45.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

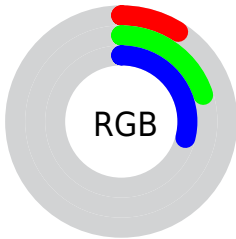
Format	Color
R_{YB}	23, 41, 74
Decimal	1520458
CIE Lab	20.22, -2.19, -17.37
CIE LCh	20, 17.503, 262.802
Yxy	3.0442, 0.2177, 0.2390
Android (android.graphics.Color)	4279710538 (0xFF17334A)
YUV	45.2500, 14.1738, -19.5132
Hunter-Lab	17.4477, -2.1620, -11.3018

Details

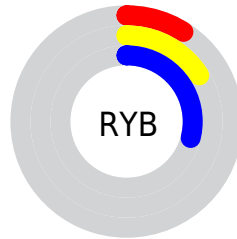
The YUV color **45.2500, 14.1738, -19.5132** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **51.7500, -14.1738, 19.5132**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4890, 15.0419, -17.9689**, and **5.2950, 12.6726, -4.6437** is the 20% darker color. If you saturate the color by 10%, you get **41.3960, 16.0738, -22.2723**, and if you desaturate by 10%, it is **49.1040, 12.2737, -16.7542**.

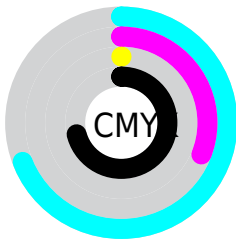
Distribution



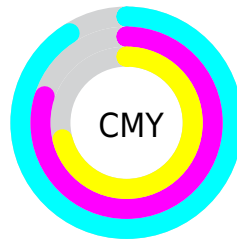
- Red (9%)
- Green (20%)
- Blue (29%)



- Red (9%)
- Yellow (16%)
- Blue (29%)



- Cyan (69%)
- Magenta (31%)
- Yellow (0%)
- Black (71%)



- Cyan (91%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.2500, 14.1738, -19.5132 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 45.2500, 14.1738, -19.5132 by changing the saturation by 10% instead.

■ 45.2500, 14.1738,
-19.5132

■ 45.2500, 14.1738,
-19.5132

■ 255.0000, 0.0000,
0.0000

■ 23.4240, 13.5950,
-20.5428

■ 92.4890, 15.0419,
-17.9689

■ 5.2950, 12.6726,
-4.6437

■ 117.6030, 15.4787,
-18.0688

■ 0.1140, 0.4368,
-0.1000

■ 143.6030, 15.4787,
-18.0688

■ 0.0000, 0.0000,
0.0000

■ 169.8310, 16.3523,
-18.2688

■ 197.5320, 16.4997,
-18.8836

■ 225.0760, 14.7525,

-18.4837

■ 248.1230, 3.3904,
-14.1399

■ 45.2500, 14.1738,
-19.5132

■ 45.2500, 14.1738,
-19.5132

■ 41.3960, 16.0738,
-22.2723

■ 49.1040, 12.2737,
-16.7542

■ 36.6560, 18.4106,
-25.1313

■ 53.8440, 9.9369,
-13.8952

■ 32.8020, 20.3106,
-27.8904

■ 57.6980, 8.0369,
-11.1361

■ 32.5030, 20.4580,
-28.5051

■ 61.8510, 5.9895,
-7.7623

■ 66.2920, 3.8000,
-5.5181

■ 70.1460, 1.9000,
-2.7590

■ 74.2990, -0.1474,
0.6148

■ 78.7400, -2.3368,
2.8590

■ 82.8930, -4.3842,
6.2328

Harmonies

Analogous

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



39.5640, 14.5119, -34.6976



45.2500, 14.1738, -19.5132



49.5510, 11.0674, -3.1142

Triad

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



45.2500, 14.1738, -19.5132



49.2800, -4.5750, 20.8024



45.0280, -5.9298, -11.4256

Complementary

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



45.2500, 14.1738, -19.5132



51.7500, -14.1738, 19.5132

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.



46.8400, -10.7671, 0.1403



45.2500, 14.1738, -19.5132



48.5910, -9.6584, 17.8987

Square

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



45.2500, 14.1738, -19.5132



50.0500, 0.9614, 18.3732



48.1510, -12.3994, 10.3916



41.3020, 1.8231, -24.8209

Rectangle

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



45.2500, 14.1738, -19.5132



50.0360, 8.8563, 6.1074



48.1510, -12.3994, 10.3916



45.4800, -8.1246, -7.4370

Sweetspot

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



45.2500, 14.1738, -19.5132



85.7370, 5.5527, -7.6623



55.5590, -4.7126, -28.5542



41.4770, 3.2158, -4.8033



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.



45.2500, 14.1738, -19.5132



51.6490, 22.3580, -31.2642



30.5750, 21.4085, -6.6433



36.2170, 0.8790, -1.9443



44.5000, 28.3475, -39.0265



100.1820, 64.0003, -87.8596

Inverse Universe

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



41.4410, 4.7126, 28.5542



45.3490, 7.7159, 45.2979



66.4250, -21.4085, 6.6433



35.5380, 0.7208, 2.1592



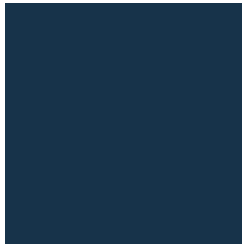
36.8820, 9.4252, 57.1085



83.1340, 21.1329, 128.8015

Previews

White Background



This preview shows how the YUV color 45.2500, 14.1738, -19.5132 looks on a white background.

Color Contrast Check

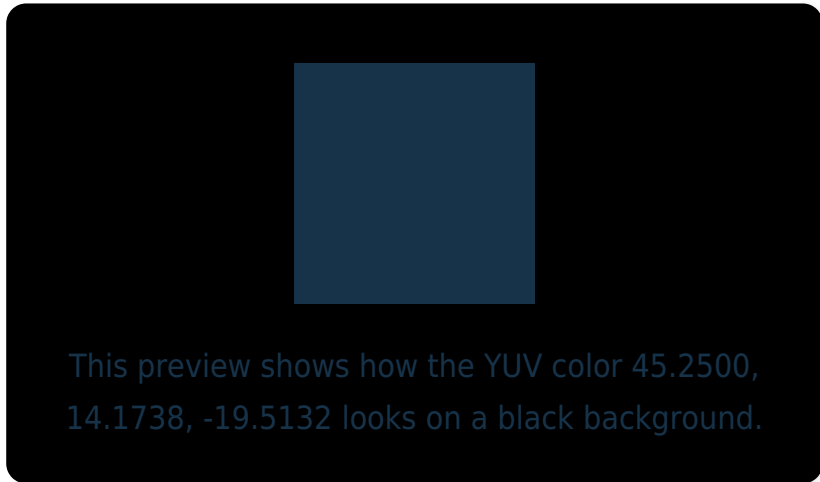
Large Text (above 18pt) WCAG AA ✓ Pass

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

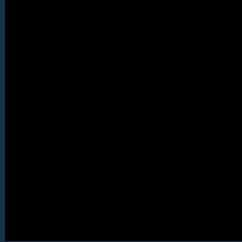
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

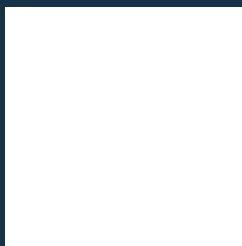
Any Text WCAG AAA × Fail

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

YUV 45.2500, 14.1738, -19.5132 Background



This preview shows how black text looks on a background with the YUV color 45.2500, 14.1738, -19.5132.



This preview shows how white text looks on a background with the YUV color 45.2500, 14.1738,

-19.5132.

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

45.2500, 14.1738, -19.5132

Protanopia

48.6430, 11.5150, -6.7029

Deuteranopia

48.0770, 13.2730, -10.5915



Tritanopia

41.8980, 7.9383, -26.2205

Trichromacy



Original Color

45.2500, 14.1738, -19.5132

Protanomaly

47.2510, 12.6943, -11.6211

Deuteranomaly

47.1690, 13.7207, -14.1802

Tritanomaly

43.1910, 10.2588, -23.8465

Monochromacy



Original Color

45.2500, 14.1738, -19.5132

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0360, 5.4053, -7.0476

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.2500, 14.1738, -19.5132 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, 51, 74)` looks like.

```
.text, #text, p{  
    color:rgb(23, 51, 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(23, 51, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 51, 74) }
```

Border

The CSS property to change the border of an element to YUV 45.2500, 14.1738, -19.5132 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, 51, 74) }
```


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

```
.border{ border-color:rgb(23, 51, 74) }
```

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

Here you see how a box with a 4 pixel rgb(23, 51, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 51, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 51, 74);  
box-shadow:4px 4px 4px 4px rgb(23, 51, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.2500, 14.1738, -19.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 51, 74) }
```

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

```
.background{ background-color: rgb(23, 51,  
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