

Converting Colors

YUV(45.3310, 14.6268,
-24.8463)

Have a look what the booklet for
YUV(45.3310, 14.6268, -24.8463)
contains.

YUV(45.3310, 14.6268, -24.8463)	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(45.3310, 14.6268,
-24.8463)**

Conversions

Conversions Part 1

Format	Color
Hex	11364B
RGB	17, 54, 75
RGB Percent	7%, 21%, 29%
CMY	0.9333, 0.7882, 0.7059
CMYK	0.77, 0.28, 0.00, 0.71
HSL	202°, 63%, 18%
HSV	202°, 77%, 29%
XYZ	2.8203, 3.2655, 7.1383
YIQ	45.3310, -28.7930, -1.3130

Conversions

Conversions Part 2

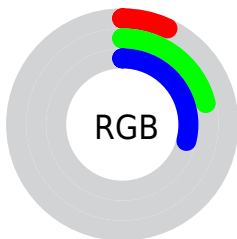
Format	Color
R_{YB}	17, 40, 75
Decimal	1128011
CIE Lab	21.08, -5.02, -16.72
CIE LCh	21, 17.456, 253.284
Yxy	3.2655, 0.2133, 0.2469
Android (android.graphics.Color)	4279318091 (0xFF11364B)
YUV	45.3310, 14.6268, -24.8463
Hunter-Lab	18.0707, -3.7649, -10.7712

Details

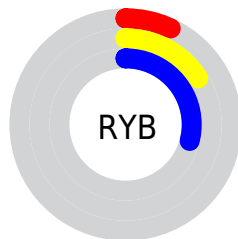
The YUV color **45.3310, 14.6268, -24.8463** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.6690, -14.6268, 24.8463**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7550, 14.9108, -22.5871**, and **8.8170, 10.9362, -7.7325** is the 20% darker color. If you saturate the color by 10%, you get **41.1780, 16.6742, -28.2201**, and if you desaturate by 10%, it is **49.1850, 12.7268, -22.0872**.

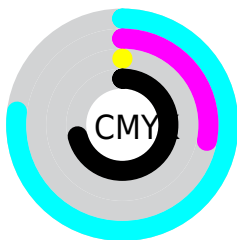
Distribution



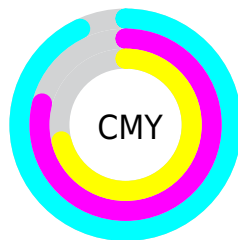
- Red (7%)
- Green (21%)
- Blue (29%)



- Red (7%)
- Yellow (16%)
- Blue (29%)



- Cyan (77%)
- Magenta (28%)
- Yellow (0%)
- Black (71%)



- Cyan (93%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3310, 14.6268, -24.8463 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 45.3310, 14.6268, -24.8463 by changing the saturation by 10% instead.

■ 45.3310, 14.6268,
-24.8463

■ 45.3310, 14.6268,
-24.8463

■ 255.0000, 0.0000,
0.0000

■ 25.2990, 13.1636,
-22.1872

■ 93.7550, 14.9108,
-22.5871

■ 8.8170, 10.9362,
-7.7325

■ 118.2820, 15.6370,
-22.1723

■ 0.3420, 1.3104,
-0.2999

■ 144.2820, 15.6370,
-22.1723

■ 0.0000, 0.0000,
0.0000

■ 171.3960, 16.0738,
-22.2723

■ 199.0970, 16.2212,
-22.8871

■ 226.5270, 14.0372,

-22.3872

■ 247.2260, 3.8326,
-15.9842

■ 45.3310, 14.6268,
-24.8463

■ 45.3310, 14.6268,
-24.8463

■ 41.1780, 16.6742,
-28.2201

■ 49.1850, 12.7268,
-22.0872

■ 37.9110, 18.2849,
-31.4939

■ 52.7510, 10.9688,
-18.1986

■ 36.7260, 18.8691,
-32.2087

■ 56.6050, 9.0687,
-15.4396

■ 60.7580, 7.0213,
-12.0658

■ 64.9110, 4.9739,
-8.6919

■ 68.1780, 3.3632,
-5.4181

■ 72.3310, 1.3158,
-2.0443

■ 76.1850, -0.5842,
0.7148

■ 79.4520, -2.1948,
3.9886

Harmonies

Analogous

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



41.2110, 13.2070, -36.1420



45.3310, 14.6268, -24.8463



50.2730, 12.6834, -8.1324

Triad

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



45.3310, 14.6268, -24.8463



51.9210, -3.4121, 21.1173



47.4800, -8.1246, -7.4370

Complementary

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



45.3310, 14.6268, -24.8463



46.6690, -14.6268, 24.8463

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.



49.2210, -11.9410, 3.3142



45.3310, 14.6268, -24.8463



50.9440, -8.3534, 19.3431

Square

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



45.3310, 14.6268, -24.8463



51.9080, 3.0034, 16.7437



49.9880, -11.8261, 13.1655



44.9390, -0.9559, -20.1175

Rectangle

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



45.3310, 14.6268, -24.8463



51.9430, 9.8881, 1.8040



49.9880, -11.8261, 13.1655



48.1600, -9.4459, -3.6483

Sweetspot

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



45.3310, 14.6268, -24.8463



85.7260, 5.5581, -9.4067



53.3260, -8.0487, -31.8579



41.7650, 3.0739, -5.9329



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.



45.3310, 14.6268, -24.8463



50.7190, 22.8165, -38.3416



28.8950, 22.7298, -10.4319



36.2170, 0.8790, -1.9443



49.7830, 25.7430, -43.6597



111.9220, 58.2125, -98.1556

Inverse Universe

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



38.5600, 7.6119, 31.9579



40.4080, 11.6309, 49.6312



63.1050, -22.7298, 10.4319



35.5380, 0.7208, 2.1592



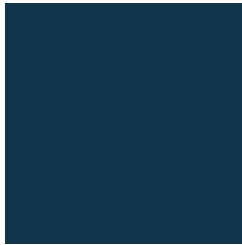
37.9080, 13.3564, 56.2087



85.4140, 29.8689, 126.8019

Previews

White Background



This preview shows how the YUV color 45.3310, 14.6268, -24.8463 looks on a white background.

Color Contrast Check

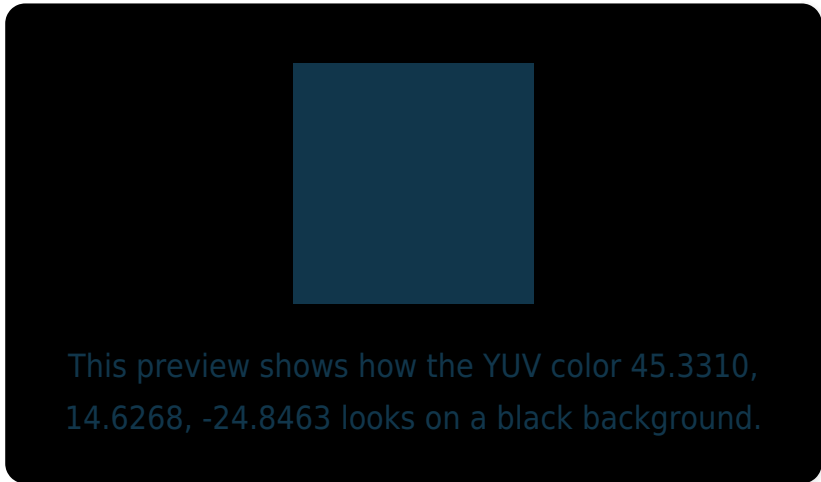
Large Text (above 18pt) WCAG AA ✓ Pass

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

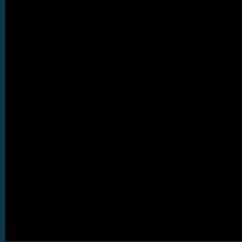
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3310, 14.6268, -24.8463

Background



This preview shows how black text looks on a background with the YUV color 45.3310, 14.6268, -24.8463.



This preview shows how white text looks on a background with the YUV color 45.3310, 14.6268,

-24.8463.

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

45.3310, 14.6268, -24.8463

Protanopia

50.7140, 10.4940, -5.8882

Deuteranopia

49.6750, 12.9782, -9.3620



Tritanopia

39.8260, 10.4388, -34.9274

Trichromacy



Original Color

45.3310, 14.6268, -24.8463

Protanomaly

48.4250, 12.1155, -12.6507

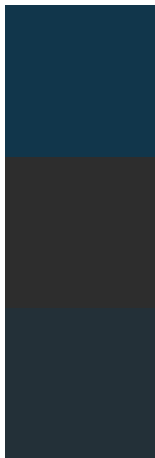
Deuteranomaly

47.8700, 13.8681, -14.7950

Tritanomaly

41.6030, 12.0277, -31.2238

Monochromacy



Original Color

45.3310, 14.6268, -24.8463

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3310, 14.6268, -24.8463 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(17, 54, 75)` looks like.

```
.text, #text, p{  
    color:rgb(17, 54, 75)  
}
```

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(17, 54, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 54, 75) }
```

Border

The CSS property to change the border of an element to YUV 45.3310, 14.6268, -24.8463 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(17, 54, 75) }
```


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

```
.border{ border-color:rgb(17, 54, 75) }
```

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

Here you see how a box with a 4 pixel rgb(17, 54, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 54, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 54, 75);  
box-shadow:4px 4px 4px 4px rgb(17, 54, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.3310, 14.6268, -24.8463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 54, 75) }
```

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

```
.background{ background-color: rgb(17, 54,  
75) }
```

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