

Converting Colors

YUV(45.1200, 11.2798,
-24.6612)

Have a look what the booklet for
YUV(45.1200, 11.2798, -24.6612)
contains.

YUV(45.1200, 11.2798, -24.6612)	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(45.1200, 11.2798,
-24.6612)**

Conversions

Conversions Part 1

Format	Color
Hex	113744
RGB	17, 55, 68
RGB Percent	7%, 22%, 27%
CMY	0.9333, 0.7843, 0.7333
CMYK	0.75, 0.19, 0.00, 0.73
HSL	195°, 60%, 17%
HSV	195°, 75%, 27%
XYZ	2.6407, 3.2689, 5.9606
YIQ	45.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

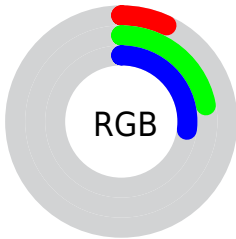
Format	Color
R_{YB}	17, 39, 68
Decimal	1128260
CIE Lab	21.09, -8.43, -11.99
CIE LCh	21, 14.661, 234.881
Yxy	3.2689, 0.2225, 0.2754
Android (android.graphics.Color)	4279318340 (0xFF113744)
YUV	45.1200, 11.2798, -24.6612
Hunter-Lab	18.0801, -5.5688, -6.8906

Details

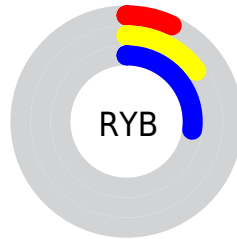
The YUV color **45.1200, 11.2798, -24.6612** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **39.8800, -11.2798, 24.6612**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1310, 11.2744, -22.9169**, and **8.1330, 8.3154, -7.1326** is the 20% darker color. If you saturate the color by 10%, you get **41.8530, 12.8905, -27.9351**, and if you desaturate by 10%, it is **48.3870, 9.6692, -21.3874**.

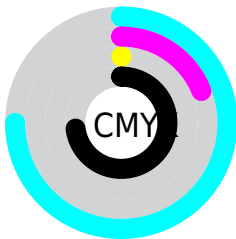
Distribution



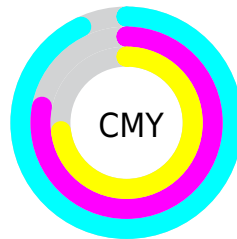
- Red (7%)
- Green (22%)
- Blue (27%)



- Red (7%)
- Yellow (15%)
- Blue (27%)



- Cyan (75%)
- Magenta (19%)
- Yellow (0%)
- Black (73%)



- Cyan (93%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.1200, 11.2798, -24.6612 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 45.1200, 11.2798, -24.6612 by changing the saturation by 10% instead.

■ 45.1200, 11.2798,
-24.6612

■ 45.1200, 11.2798,
-24.6612

■ 255.0000, 0.0000,
0.0000

■ 25.2020, 10.2534,
-22.1022

■ 93.1310, 11.2744,
-22.9169

■ 8.1330, 8.3154,
-7.1326

■ 118.2450, 11.7112,
-23.0169

■ 0.0000, 0.0000,
0.0000

■ 143.9460, 11.8586,
-23.6316

■ 170.9460, 11.8586,
-23.6316

■ 198.0600, 12.2954,
-23.7316

■ 225.8750, 12.8796,

-24.4464

■ 246.6280, 4.1274,
-17.2138

■ 45.1200, 11.2798,
-24.6612

■ 45.1200, 11.2798,
-24.6612

■ 41.8530, 12.8905,
-27.9351

■ 48.3870, 9.6692,
-21.3874

■ 39.1730, 14.2117,
-31.7237

■ 51.0670, 8.3480,
-17.5988

■ 37.6890, 14.9433,
-33.0533

■ 54.0350, 6.8847,
-14.9397

■ 57.3020, 5.2741,
-11.6659

■ 60.5690, 3.6635,
-8.3920

■ 63.2490, 2.3422,
-4.6034

■ 66.5160, 0.7316,
-1.3295

■ 69.4840, -0.7316,
1.3295

■ 72.7510, -2.3422,
4.6034

Harmonies

Analogous

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



43.4850, 7.6489, -26.7353



45.1200, 11.2798, -24.6612



48.5990, 11.5367, -13.6803

Triad

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



45.1200, 11.2798, -24.6612



52.2130, 0.3880, 15.5992



49.2960, -9.0199, -0.2596

Complementary

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



45.1200, 11.2798, -24.6612



39.8800, -11.2798, 24.6612

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.



50.0090, -10.3574, 8.7621



45.1200, 11.2798, -24.6612



51.5570, -4.7116, 17.9285

Square

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



45.1200, 11.2798, -24.6612



52.4340, 5.2090, 9.2664



51.0960, -8.9213, 14.8248



47.3810, -4.6248, -9.9811

Rectangle

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



45.1200, 11.2798, -24.6612



50.6000, 10.0572, -5.7882



51.0960, -8.9213, 14.8248



49.7910, -9.7570, 2.8143

Sweetspot

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



45.1200, 11.2798, -24.6612



80.0850, 4.3951, -9.7215



48.4190, -9.0806, -27.5545



40.3520, 2.7845, -6.4477



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



45.1200, 11.2798, -24.6612



53.3400, 17.5804, -38.8862



30.4450, 18.5146, -11.7913



31.5160, 0.7316, -1.3295



53.3220, 21.5333, -46.7634



123.5650, 49.5145, -108.3665

Inverse Universe

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



36.5810, 9.0806, 27.5545



39.7600, 14.4153, 43.1835



54.5550, -18.5146, 11.7913



31.1250, 0.4314, 1.6444



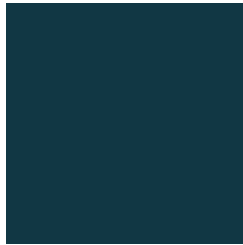
37.2110, 17.1510, 52.4350



86.0140, 39.9261, 121.0137

Previews

White Background



This preview shows how the YUV color 45.1200, 11.2798, -24.6612 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 45.1200, 11.2798, -24.6612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

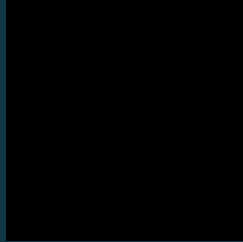
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.1200, 11.2798, -24.6612

Background



This preview shows how black text looks on a background with the YUV color 45.1200, 11.2798, -24.6612.



This preview shows how white text looks on a background with the YUV color 45.1200, 11.2798,

-24.6612.

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

45.1200, 11.2798, -24.6612

Protanopia

50.6990, 6.5574, -3.2440

Deuteranopia

50.6710, 9.0362, -4.9735



Tritanopia

42.8160, 8.9647, -28.7796

Trichromacy



Original Color

45.1200, 11.2798, -24.6612

Protanomaly

48.6980, 8.0369, -11.1361

Deuteranomaly

48.8550, 9.9315, -12.1508

Tritanomaly

44.0550, 9.8329, -27.2352

Monochromacy



Original Color

45.1200, 11.2798, -24.6612

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2700, 3.8109, -9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1200, 11.2798, -24.6612 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, 55, 68)` looks like.

```
.text, #text, p{  
    color:rgb(17, 55, 68)  
}
```

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, 55, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 55, 68) }
```

Border

The CSS property to change the border of an element to YUV 45.1200, 11.2798, -24.6612 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, 55, 68) }
```


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

```
.border{ border-color:rgb(17, 55, 68) }
```

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

Here you see how a box with a 4 pixel rgb(17, 55, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 55, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 55, 68);  
box-shadow:4px 4px 4px 4px rgb(17, 55, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.1200, 11.2798, -24.6612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 55, 68) }
```

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

```
.background{ background-color: rgb(17, 55,  
68) }
```

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