

Converting Colors

YUV(113.2000, 16.6634,
-24.7314)

Have a look what the booklet for
YUV(113.2000, 16.6634, -24.7314)
contains.

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Color

**YUV(113.2000, 16.6634,
-24.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	557993
RGB	85, 121, 147
RGB Percent	33%, 47%, 58%
CMY	0.6667, 0.5255, 0.4235
CMYK	0.42, 0.18, 0.00, 0.42
HSL	205°, 27%, 45%
HSV	205°, 42%, 58%
XYZ	15.8501, 17.7126, 30.1872
YIQ	113.2000, -29.8020, 0.4540

Conversions

Conversions Part 2

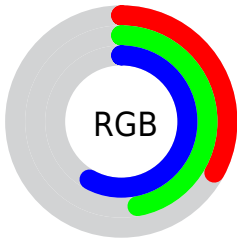
Format	Color
R_{YB}	85, 108, 147
Decimal	5601683
CIE _{Lab}	49.15, -5.59, -18.09
CIE _{LCh}	49, 18.935, 252.836
Yxy	17.7126, 0.2486, 0.2778
Android (android.graphics.Color)	4283791763 (0xFF557993)
YUV	113.2000, 16.6634, -24.7314
Hunter-Lab	42.0864, -6.4263, -13.0664

Details

The YUV color **113.2000, 16.6634, -24.7314** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.8000, -16.6634, 24.7314**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4280, 17.5370, -24.9314**, and **63.9610, 15.7952, -26.2758** is the 20% darker color. If you saturate the color by 10%, you get **105.1930, 20.6109, -30.8643**, and if you desaturate by 10%, it is **121.2070, 12.7159, -18.5985**.

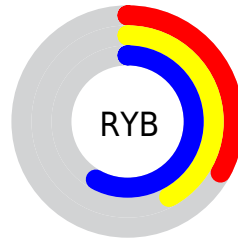
Distribution



Red (33%)

Green (47%)

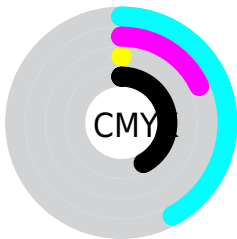
Blue (58%)



Red (33%)

Yellow (42%)

Blue (58%)

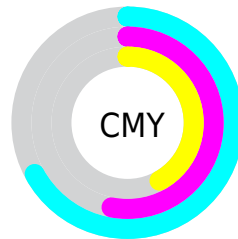


Cyan (42%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (67%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2000, 16.6634, -24.7314 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 113.2000, 16.6634, -24.7314 by changing the saturation by 10% instead.

■ 113.2000, 16.6634,
-24.7314

■ 113.2000, 16.6634,
-24.7314

■ 255.0000, 0.0000,
0.0000

■ 88.0860, 16.2266,
-24.6314

■ 165.4280, 17.5370,
-24.9314

■ 63.9610, 15.7952,
-26.2758

■ 193.1290, 17.6844,
-25.5461

■ 38.2700, 17.1219,
-31.8088

■ 220.9010, 16.8108,
-25.3462

■ 22.7230, 13.4476,
-19.9281

■ 244.5350, 5.1592,
-21.5172

■ 4.4800, 12.0884,
-3.9290

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 113.2000, 16.6634,
-24.7314

■ 113.2000, 16.6634,
-24.7314

■ 105.1930, 20.6109,
-30.8643

■ 121.2070, 12.7159,
-18.5985

■ 97.4850, 24.4109,
-36.3823

■ 128.9150, 8.9159,
-13.0805

■ 89.4780, 28.3583,
-42.5152

■ 136.9220, 4.9685,
-6.9476

■ 80.8840, 32.5952,
-48.1333

■ 145.5160, 0.7316,
-1.3295

■ 73.1760, 36.3952,
-53.6514

■ 153.2240, -3.0684,
4.1886

■ 66.6530, 39.6111,
-58.4547

■ 161.2310, -7.0159,
10.3214

■ 169.2380,
-10.9633, 16.4543

■ 177.2450,

-14.9108, 22.5871

 184.9530,
-18.7108, 28.1052

Harmonies

Analogous

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



109.7490, 13.9277, -33.9829



113.2000, 16.6634, -24.7314



116.9570, 15.3042, -8.7323

Triad

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



113.2000, 16.6634, -24.7314



118.7260, -4.3019, 26.5503



113.0130, -9.8664, -8.7814

Complementary

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



113.2000, 16.6634, -24.7314



118.8000, -16.6634, 24.7314

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.



115.4340, -15.0040, 5.7584



113.2000, 16.6634, -24.7314



118.2930, -10.9904, 25.1760

Square

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



113.2000, 16.6634, -24.7314



119.4570, 3.7187, 20.6472



117.0980, -15.3313, 17.4541



111.2870, -2.1135, -22.1767

Rectangle

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



113.2000, 16.6634, -24.7314



118.3390, 12.6509, 2.3337



117.0980, -15.3313, 17.4541



114.1770, -11.9193, -3.6632

Sweetspot

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



113.2000, 16.6634, -24.7314



177.6550, 6.5791, -10.2214



124.3580, -6.5855, -34.5170



88.1070, 4.3842, -6.2328



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



113.2000, 16.6634, -24.7314



137.9300, 26.1635, -38.5266



95.0030, 25.6345, -8.7726



70.1460, 1.9000, -2.7590



62.6920, 37.1268, -54.9809



4.6620, 2.6316, -4.0886

Inverse Universe

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



107.6420, 6.5855, 34.5170



129.3870, 10.1622, 54.0346



136.9970, -25.6345, 8.7726



69.5490, 0.7153, 3.9035



50.3820, 14.6017, 76.8410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 113.2000, 16.6634, -24.7314 looks on a white background.

Color Contrast Check

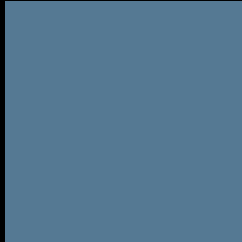
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.2000, 16.6634, -24.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

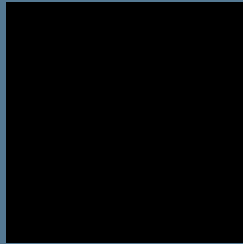
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

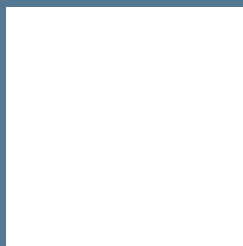
Any Text WCAG AAA × Fail

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

YUV 113.2000, 16.6634, -24.7314 Background



This preview shows how black text looks on a background with the YUV color 113.2000, 16.6634, -24.7314.



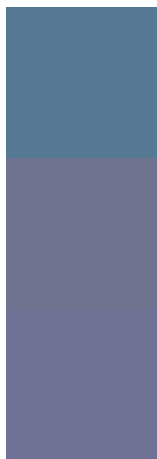
This preview shows how white text looks on a background with the YUV color 113.2000, 16.6634, -24.7314.

-24.7314.

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

113.2000, 16.6634, -24.7314

Protanopia

116.6970, 12.9674, -5.8733

Deuteranopia

116.9790, 15.2934, -5.2436



Tritanopia

111.5820, 10.5591, -26.8204

Trichromacy



Original Color

113.2000, 16.6634, -24.7314

Protanomaly

115.2940, 14.1521, -12.5358

Deuteranomaly

116.0490, 15.7518, -12.3210

Tritanomaly

111.8640, 12.8850, -26.1907

Monochromacy



Original Color

113.2000, 16.6634, -24.7314

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2000, 16.6634, -24.7314 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(85, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(85, 121, 147)  
}
```

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(85, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 121, 147) }
```

Border

The CSS property to change the border of an element to YUV 113.2000, 16.6634, -24.7314 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(85, 121, 147) }
```


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

```
.border{ border-color:rgb(85, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(85, 121,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 113.2000, 16.6634, -24.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 121, 147) }
```

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

```
.background{ background-color: rgb(85, 121,  
147) }
```

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](#).

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