

Converting Colors

YUV(153.2500, 17.6247,
-6.3582)

Have a look what the booklet for
YUV(153.2500, 17.6247, -6.3582)
contains.

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Color

**YUV(153.2500, 17.6247,
-6.3582)**

Conversions

Conversions Part 1

Format	Color
Hex	9296BD
RGB	146, 150, 189
RGB Percent	57%, 59%, 74%
CMY	0.4275, 0.4118, 0.2588
CMYK	0.23, 0.21, 0.00, 0.26
HSL	234°, 25%, 66%
HSV	234°, 23%, 74%
XYZ	31.9457, 31.5978, 52.5594
YIQ	153.2500, -14.9030, 11.2810

Conversions

Conversions Part 2

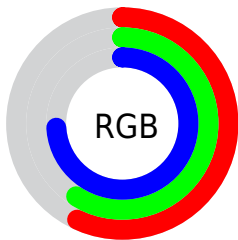
Format	Color
R_{YB}	146, 150, 189
Decimal	9606845
CIE Lab	63.01, 7.08, -20.67
CIE LCh	63, 21.847, 288.916
Yxy	31.5978, 0.2752, 0.2722
Android (android.graphics.Color)	4287796925 (0xFF9296BD)
YUV	153.2500, 17.6247, -6.3582
Hunter-Lab	56.2119, 3.0722, -16.0891

Details

The YUV color $153.2500, 17.6247, -6.3582$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.7500, -17.6247, 6.3582$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.4780, 18.4983, -6.5582$, and $102.0220, 16.7512, -6.1583$ is the 20% darker color. If you saturate the color by 10%, you get $137.5900, 25.3451, -9.2874$, and if you desaturate by 10%, it is $168.9100, 9.9044, -3.4291$.

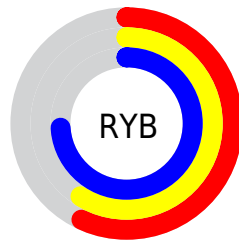
Distribution



Red (57%)

Green (59%)

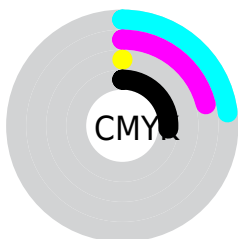
Blue (74%)



Red (57%)

Yellow (59%)

Blue (74%)

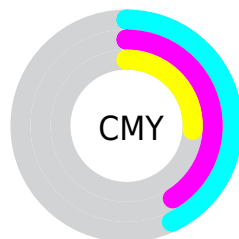


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (41%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2500, 17.6247, -6.3582 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 153.2500, 17.6247, -6.3582 by changing the saturation by 10% instead.

■ 153.2500, 17.6247,
-6.3582

■ 153.2500, 17.6247,
-6.3582

255.0000, 0.0000,
0.0000

■ 127.1360, 17.1880,
-6.2583

■ 207.4780, 18.4983,
-6.5582

■ 102.0220, 16.7512,
-6.1583

■ 233.7250, 10.4886,
-4.1438

■ 78.0820, 15.7356,
-7.0879

■ 54.9680, 15.2988,
-6.9879

■ 32.7290, 14.4306,
-8.5323

■ 9.5550, 15.0094,
-7.5027

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 153.2500, 17.6247,
-6.3582

■ 153.2500, 17.6247,
-6.3582

■ 137.5900, 25.3451,
-9.2874

■ 168.9100, 9.9044,
-3.4291

■ 121.9300, 33.0655,
-12.2166

■ 184.5700, 2.1840,
-0.4999

■ 106.2700, 40.7859,
-15.1458

■ 200.2300, -5.5364,
2.4293

■ 90.0230, 48.7957,
-17.5602

■ 216.4770,
-13.5462, 4.8437

■ 74.3630, 56.5160,
-20.4894

■ 232.1370,
-21.2665, 7.7729

■ 59.0020, 64.0890,
-22.8038

■ 246.3020,
-28.2499, 7.6281

■ 43.3420, 71.8094,
-25.7329

■ 247.4760,
-28.8287, 6.5985

■ 32.1120, 77.3458,
-28.1622

Harmonies

Analogous

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



148.8130, 20.3052, -26.1460



153.2500, 17.6247, -6.3582



155.0630, 11.3079, 13.0997

Triad

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



153.2500, 17.6247, -6.3582



153.9900, -14.7851, 28.9498



145.2860, -0.6340, -30.0688

Complementary

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



153.2500, 17.6247, -6.3582



181.7500, -17.6247, 6.3582

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.



147.7520, -10.7237, -13.8145



153.2500, 17.6247, -6.3582



152.5990, -18.5363, 18.7687

Square

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



153.2500, 17.6247, -6.3582



155.0750, -6.9390, 32.3832



150.2550, -16.8877, 3.2844



143.6790, 10.0183, -40.0605

Rectangle

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



153.2500, 17.6247, -6.3582



155.6360, 5.6025, 23.1212



150.2550, -16.8877, 3.2844



145.8090, -3.8498, -25.2655

Sweetspot

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



153.2500, 17.6247, -6.3582



230.5250, 7.1362, -2.2144



175.6870, 4.5913, -26.0355



114.6130, 3.6418, -1.4146



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



153.2500, 17.6247, -6.3582



190.0460, 27.0923, -9.6873



155.9850, 16.2764, 6.1522



86.6130, 3.6418, -1.4146



26.8170, 64.6732, -23.5185



5.2950, 12.6726, -4.6437

Inverse Universe

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



159.3130, -4.5913, 26.0355



199.4180, -7.1081, 39.9754



179.0150, -16.2764, -6.1522



87.8050, -0.8899, 5.4330



48.9520, -16.7383, 95.6351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 153.2500, 17.6247, -6.3582 looks on a white background.

Color Contrast Check

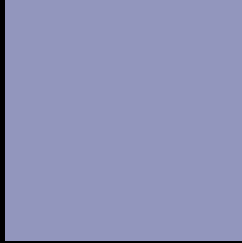
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.2500, 17.6247, -6.3582 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 ✓ Pass

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

YUV 153.2500, 17.6247, -6.3582

Background



This preview shows how black text looks on a background with the YUV color 153.2500, 17.6247, -6.3582.



This preview shows how white text looks on a background with the YUV color 153.2500, 17.6247, -6.3582.

-6.3582.

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

153.2500, 17.6247, -6.3582

Protanopia

153.0540, 18.2144, -8.8174

Deuteranopia

153.2610, 17.6193, -4.6139



Tritanopia

151.7800, 7.0105, -8.5771

Trichromacy



Original Color

153.2500, 17.6247, -6.3582

Protanomaly

153.3530, 18.0670, -8.2026

Deuteranomaly

152.9620, 17.7667, -5.2287

Tritanomaly

152.4040, 10.6468, -8.2473

Monochromacy



Original Color

153.2500, 17.6247, -6.3582

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9980, 6.4100, -2.6292

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2500, 17.6247, -6.3582 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(146, 150, 189)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 189)  
}
```

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(146, 150, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 189) }
```

Border

The CSS property to change the border of an element to YUV 153.2500, 17.6247, -6.3582 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(146, 150, 189) }
```


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

```
.border{ border-color:rgb(146, 150, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 189);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 153.2500, 17.6247, -6.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 189) }
```

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

```
.background{ background-color: rgb(146,  
150, 189) }
```

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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