

Converting Colors

YUV(153.5430, 16.4943,
-17.1392)

Have a look what the booklet for
YUV(153.5430, 16.4943, -17.1392)
contains.

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Color

**YUV(153.5430, 16.4943,
-17.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	869DBB
RGB	134, 157, 187
RGB Percent	53%, 62%, 73%
CMY	0.4745, 0.3843, 0.2667
CMYK	0.28, 0.16, 0.00, 0.27
HSL	214°, 28%, 63%
HSV	214°, 28%, 73%
XYZ	30.8581, 32.7701, 51.7126
YIQ	153.5430, -23.3380, 4.4540

Conversions

Conversions Part 2

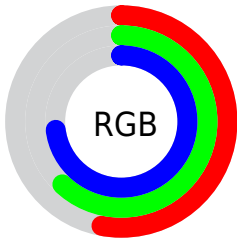
Format	Color
RYB	134, 150, 187
Decimal	8822203
CIELab	63.97, -1.07, -18.16
CIElCh	64, 18.187, 266.630
Yxy	32.7701, 0.2675, 0.2841
Android (android.graphics.Color)	4287012283 (0xFF869DBB)
YUV	153.5430, 16.4943, -17.1392
Hunter-Lab	57.2452, -3.9584, -13.4881

Details

The YUV color $153.5430, 16.4943, -17.1392$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $167.4570, -16.4943, 17.1392$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.7710, 17.3679, -17.3392$, and $102.3150, 15.6207, -16.9393$ is the 20% darker color. If you saturate the color by 10%, you get $141.4050, 22.4783, -23.1572$, and if you desaturate by 10%, it is $165.6810, 10.5103, -11.1212$.

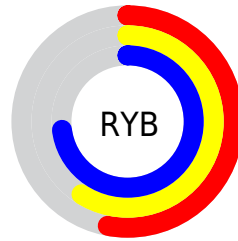
Distribution



Red (53%)

Green (62%)

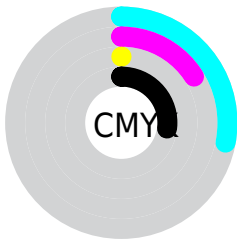
Blue (73%)



Red (53%)

Yellow (59%)

Blue (73%)

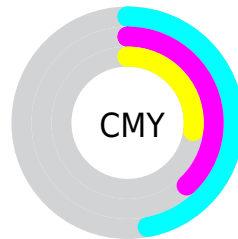


Cyan (28%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5430, 16.4943, -17.1392 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 153.5430, 16.4943, -17.1392 by changing the saturation by 10% instead.

■ 153.5430, 16.4943,
-17.1392

■ 153.5430, 16.4943,
-17.1392

255.0000, 0.0000,
0.0000

■ 127.4290, 16.0575,
-17.0392

■ 207.7710, 17.3679,
-17.3392

■ 102.3150, 15.6207,
-16.9393

■ 234.5340, 10.0897,
-16.2543

■ 77.7880, 14.8945,
-17.3541

■ 252.0100, 1.4741,
-6.1478

■ 54.3750, 14.6051,
-17.8689

■ 30.7660, 14.9054,
-20.8428

■ 13.8380, 12.4049,
-12.1359

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 153.5430, 16.4943,
-17.1392

■ 153.5430, 16.4943,
-17.1392

■ 141.4050, 22.4783,
-23.1572

■ 165.6810, 10.5103,
-11.1212

■ 130.1530, 28.0256,
-29.0752

■ 176.9330, 4.9630,
-5.2032

■ 118.0150, 34.0096,
-35.0932

■ 189.0710, -1.0210,
0.8147

■ 106.4640, 39.7042,
-41.6259

■ 200.6220, -6.7156,
7.3475

■ 94.6250, 45.5409,
-47.0291

■ 212.7600,
-12.6997, 13.3655

■ 82.4870, 51.5249,
-53.0471

■ 224.5990,
-18.5363, 18.7687

■ 70.9360, 57.2196,
-59.5799

■ 233.1600,
-22.7569, 19.1537

■ 68.8650, 58.2406,
-60.3946

■ 239.6170,
-25.9402, 13.4909

■ 245.4870,
-28.8341, 8.3429

Harmonies

Analogous

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



150.2380, 15.6587, -29.1497



153.5430, 16.4943, -17.1392



156.2570, 13.6773, -0.2254

Triad

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



153.5430, 16.4943, -17.1392



157.1130, -7.9437, 27.9649



150.4790, -6.6451, -15.3291

Complementary

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



153.5430, 16.4943, -17.1392



167.4570, -16.4943, 17.1392

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.



152.5580, -13.0931, -0.4894



153.5430, 16.4943, -17.1392



156.2990, -13.4584, 23.4168

Square

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



153.5430, 16.4943, -17.1392



158.0400, -0.5127, 24.5209



154.3640, -15.4625, 12.8358



148.9920, 1.9759, -27.1800

Rectangle

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



153.5430, 16.4943, -17.1392



157.5850, 9.5716, 10.0110



154.3640, -15.4625, 12.8358



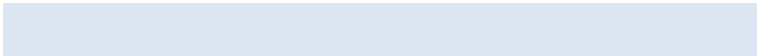
151.1160, -9.4242, -10.6257

Sweetspot

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



153.5430, 16.4943, -17.1392



228.3780, 6.7156, -7.3475



168.4170, -2.6706, -30.1837



114.0040, 3.9420, -4.3885



250.0000, 0.0000, 0.0000



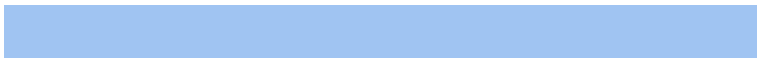
122.0000, 0.0000, 0.0000

Same Dimension

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



153.5430, 16.4943, -17.1392



190.4800, 25.3994, -26.7310



140.9390, 22.7081, -3.4545



88.3740, 2.7736, -2.9590



58.5150, 49.0461, -51.3177



11.1650, 9.7787, -9.7917

Inverse Universe

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



152.4690, 2.2338, 30.2837



188.6220, 3.6374, 46.8125



180.0610, -22.7081, 3.4545



88.1470, 0.4205, 5.1331



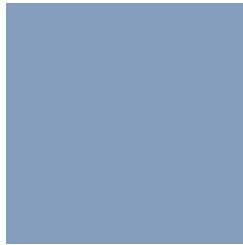
55.1080, 6.8488, 90.2363



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 153.5430, 16.4943, -17.1392 looks on a white background.

Color Contrast Check

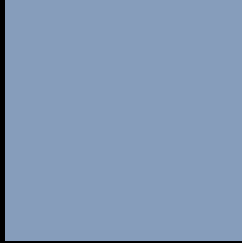
Large Text (above 18pt) WCAG AA × Fail

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 153.5430, 16.4943, -17.1392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

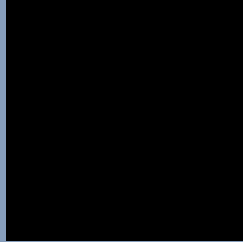
Any Text WCAG AA ✓ Pass

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 153.5430, 16.4943, -17.1392 Background



This preview shows how black text looks on a background with the YUV color 153.5430, 16.4943, -17.1392.



This preview shows how white text looks on a background with the YUV color 153.5430, 16.4943, -17.1392.

-17.1392.

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

153.5430, 16.4943, -17.1392

Protanopia

155.1530, 14.7146, -6.2732

Deuteranopia

155.8160, 15.8667, -2.4696



Tritanopia

152.6970, 9.5164, -19.0283

Trichromacy



Original Color

153.5430, 16.4943, -17.1392

Protanomaly

154.3590, 15.5990, -9.9618

Deuteranomaly

154.8970, 16.3198, -7.8027

Tritanomaly

152.9790, 11.8424, -18.3986

Monochromacy



Original Color

153.5430, 16.4943, -17.1392

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5430, 16.4943, -17.1392 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(134, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 157, 187)  
}
```

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(134, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 157, 187) }
```

Border

The CSS property to change the border of an element to YUV 153.5430, 16.4943, -17.1392 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(134, 157, 187) }
```


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

```
.border{ border-color:rgb(134, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 157, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 157, 187); box-shadow:4px 4px 4px 4px rgb(134, 157, 187) }
```

Background

The CSS property to change the background color of an element to YUV 153.5430, 16.4943, -17.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 157, 187) }
```

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

```
.background{ background-color: rgb(134,  
157, 187) }
```

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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