

Converting Colors

YUV(133.6250, 28.7789,
-37.3821)

Have a look what the booklet for
YUV(133.6250, 28.7789, -37.3821)
contains.

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Color

**YUV(133.6250, 28.7789,
-37.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	5B90C0
RGB	91, 144, 192
RGB Percent	36%, 56%, 75%
CMY	0.6431, 0.4353, 0.2471
CMYK	0.53, 0.25, 0.00, 0.25
HSL	209°, 44%, 55%
HSV	209°, 53%, 75%
XYZ	23.8021, 25.9764, 53.6286
YIQ	133.6250, -46.9960, 3.6920

Conversions

Conversions Part 2

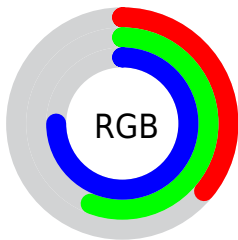
Format	Color
R_{YB}	91, 126, 192
Decimal	6000832
CIE _{Lab}	58.01, -3.87, -30.33
CIE _{LCh}	58, 30.580, 262.729
Y _{xy}	25.9764, 0.2302, 0.2512
Android (android.graphics.Color)	4284190912 (0xFF5B90C0)
YUV	133.6250, 28.7789, -37.3821
Hunter-Lab	50.9671, -5.8313, -26.7092

Details

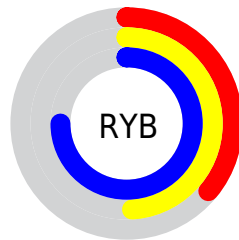
The YUV color $133.6250, 28.7789, -37.3821$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $149.3750, -28.7789, 37.3821$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.5650, 29.7945, -36.4525$, and $79.8800, 28.6532, -43.7448$ is the 20% darker color. If you saturate the color by 10%, you get $122.6610, 34.1841, -44.4297$, and if you desaturate by 10%, it is $144.5890, 23.3736, -30.3346$.

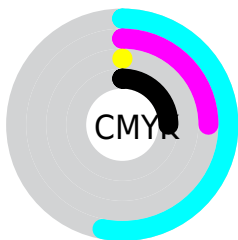
Distribution



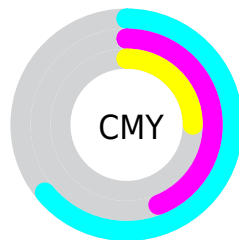
- Red (36%)
- Green (56%)
- Blue (75%)



- Red (36%)
- Yellow (49%)
- Blue (75%)



- Cyan (53%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.6250, 28.7789, -37.3821 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 133.6250, 28.7789, -37.3821 by changing the saturation by 10% instead.

■ 133.6250, 28.7789,
-37.3821

■ 133.6250, 28.7789,
-37.3821

255.0000, 0.0000,
0.0000

■ 106.6140, 28.7843,
-39.1265

■ 188.5650, 29.7945,
-36.4525

■ 79.8800, 28.6532,
-43.7448

■ 214.0570, 20.1849,
-34.2530

■ 53.9720, 29.1008,
-47.3334

■ 239.1640, 7.8071,
-30.8388

■ 38.2080, 24.5475,
-33.5084

■ 248.4220, 3.2430,
-13.5251

■ 23.7320, 19.8521,
-20.8130

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 133.6250, 28.7789,
-37.3821

■ 133.6250, 28.7789,
-37.3821

■ 122.6610, 34.1841,
-44.4297

■ 144.5890, 23.3736,
-30.3346

■ 111.6970, 39.5894,
-51.4773

■ 155.5530, 17.9684,
-23.2870

■ 100.4340, 45.1420,
-59.1396

■ 166.8160, 12.4157,
-15.6246

■ 89.4700, 50.5473,
-66.1872

■ 177.7800, 7.0105,
-8.5771

■ 81.1750, 54.6367,
-71.1905

■ 189.3310, 1.3158,
-2.0443

■ 200.2950, -4.0894,
5.0033

■ 211.2590, -9.4947,
12.0509

■ 222.5220,
-15.0473, 19.7132

■ 230.7950,
-19.1259, 21.2278

Harmonies

Analogous

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



123.6340, 28.2814, -64.5770



133.6250, 28.7789, -37.3821



140.5580, 23.8819, -6.6284

Triad

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



133.6250, 28.7789, -37.3821



141.5280, -10.6133, 44.2639



131.8280, -12.7332, -22.6512

Complementary

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



133.6250, 28.7789, -37.3821



149.3750, -28.7789, 37.3821

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.



135.6370, -22.9920, 1.1954



133.6250, 28.7789, -37.3821



139.8510, -20.6325, 37.8417

Square

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



133.6250, 28.7789, -37.3821



142.5240, 2.2067, 39.0055



138.3730, -25.8199, 21.5979



126.3870, 2.7672, -47.6974

Rectangle

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



133.6250, 28.7789, -37.3821



142.4850, 18.0019, 12.7297



138.3730, -25.8199, 21.5979



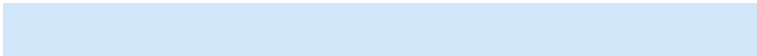
132.8460, -16.6861, -14.7739

Sweetspot

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



133.6250, 28.7789, -37.3821



226.8870, 11.3947, -14.8099



155.6450, -8.6990, -56.6937



111.3670, 6.7211, -9.0919



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.6250, 28.7789, -37.3821



158.7330, 44.9946, -58.5248



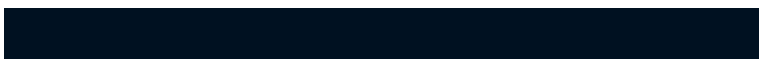
104.2750, 43.2484, -11.6422



91.0750, 2.9210, -3.5738



67.6620, 46.0156, -59.3396



13.7410, 9.4947, -12.0509

Inverse Universe

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



127.2410, 8.2622, 56.7936



148.7040, 12.9639, 88.8366



178.7250, -43.2484, 11.6422



90.5600, 0.7099, 5.6479



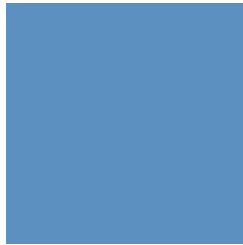
57.7150, 12.9585, 90.5809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 133.6250, 28.7789, -37.3821 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.6250, 28.7789, -37.3821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

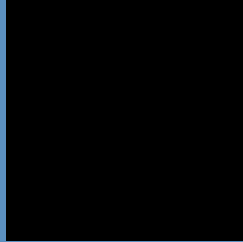
Any Text WCAG AA ✓ Pass

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 133.6250, 28.7789, -37.3821 Background



This preview shows how black text looks on a background with the YUV color 133.6250, 28.7789, -37.3821.

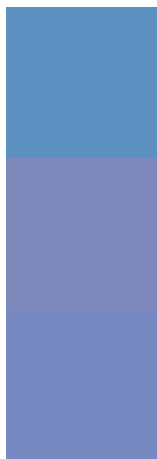


This preview shows how white text looks on a background with the YUV color 133.6250, 28.7789, -37.3821.

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

133.6250, 28.7789, -37.3821

Protanopia

139.1120, 23.6088, -12.3762

Deuteranopia

138.4150, 27.4034, -16.1500



Tritanopia

130.4380, 15.5601, -44.2341

Trichromacy



Original Color

133.6250, 28.7789, -37.3821

Protanomaly

137.5130, 25.3831, -21.4979

Deuteranomaly

136.7730, 27.7199, -24.3569

Tritanomaly

131.7140, 20.3540, -41.8452

Monochromacy



Original Color

133.6250, 28.7789, -37.3821

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9580, 10.3737, -13.9952

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.6250, 28.7789, -37.3821 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(91, 144, 192)` looks like.

```
.text, #text, p{  
    color:rgb(91, 144, 192)  
}
```

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(91, 144, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 144, 192) }
```

Border

The CSS property to change the border of an element to YUV 133.6250, 28.7789, -37.3821 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(91, 144, 192) }
```


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

```
.border{ border-color:rgb(91, 144, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 144, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 144, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 144, 192);  
box-shadow:4px 4px 4px 4px rgb(91, 144,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 133.6250, 28.7789, -37.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 144, 192) }
```

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

```
.background{ background-color: rgb(91, 144,  
192) }
```

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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