

Converting Colors

YUV(135.9760, 33.0428,
-51.7220)

Have a look what the booklet for
YUV(135.9760, 33.0428, -51.7220)
contains.

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Color

**YUV(135.9760, 33.0428,
-51.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	4D99CB
RGB	77, 153, 203
RGB Percent	30%, 60%, 80%
CMY	0.6980, 0.4000, 0.2039
CMYK	0.62, 0.25, 0.00, 0.20
HSL	204°, 55%, 55%
HSV	204°, 62%, 80%
XYZ	25.2313, 28.6720, 60.7043
YIQ	135.9760, -61.3460, -0.5620

Conversions

Conversions Part 2

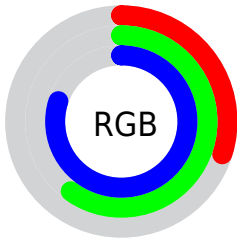
Format	Color
R_{YB}	77, 124, 203
Decimal	5085643
CIE _{Lab}	60.49, -8.36, -32.73
CIE _{LCh}	60, 33.777, 255.672
Yxy	28.6720, 0.2202, 0.2502
Android (android.graphics.Color)	4283275723 (0xFF4D99CB)
YUV	135.9760, 33.0428, -51.7220
Hunter-Lab	53.5463, -9.5958, -29.7335

Details

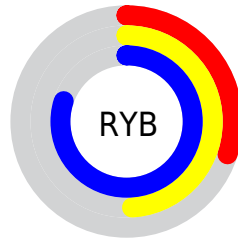
The YUV color **135.9760, 33.0428, -51.7220** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **144.0240, -33.0428, 51.7220**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2430, 31.4322, -48.4481**, and **76.8600, 35.5650, -67.4062** is the 20% darker color. If you saturate the color by 10%, you get **125.3000, 38.3061, -59.8991**, and if you desaturate by 10%, it is **146.6520, 27.7796, -43.5448**.

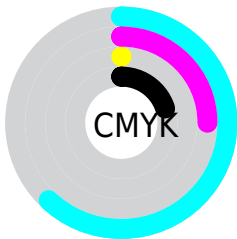
Distribution



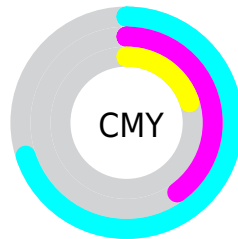
- Red (30%)
- Green (60%)
- Blue (80%)



- Red (30%)
- Yellow (49%)
- Blue (80%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (20%)



- Cyan (70%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.9760, 33.0428, -51.7220 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 135.9760, 33.0428, -51.7220 by changing the saturation by 10% instead.

■ 135.9760, 33.0428,
-51.7220

■ 135.9760, 33.0428,
-51.7220

■ 255.0000, 0.0000,
0.0000

■ 107.3560, 33.3485,
-56.4402

■ 191.2430, 31.4322,
-48.4481

■ 76.8600, 35.5650,
-67.4062

■ 216.6490, 18.9070,
-44.4192

■ 59.8080, 31.1537,
-52.4516

■ 237.0600, 8.8444,
-36.8866

■ 44.0440, 26.6003,
-38.6266

■ 245.7310, 4.5696,
-19.0581

■ 28.2800, 22.0470,
-24.8016

■ 10.5100, 19.9616,
-9.2173

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 135.9760, 33.0428,
-51.7220

■ 135.9760, 33.0428,
-51.7220

■ 125.3000, 38.3061,
-59.8991

■ 146.6520, 27.7796,
-43.5448

■ 114.3250, 43.7168,
-68.6910

■ 157.6270, 22.3689,
-34.7529

■ 103.6490, 48.9800,
-76.8682

■ 168.3030, 17.1056,
-26.5757

■ 94.7560, 53.3643,
-83.1010

■ 178.9790, 11.8424,
-18.3986

■ 189.9540, 6.4317,
-9.6067

■ 200.6300, 1.1684,
-1.4295

■ 211.3060, -4.0949,
6.7476

■ 221.9820, -9.3581,
14.9248

■ 232.0490,
-14.3212, 20.1280

Harmonies

Analogous

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



121.3430, 32.8619, -87.1238



135.9760, 33.0428, -51.7220



145.3550, 28.4190, -15.2203

Triad

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



135.9760, 33.0428, -51.7220



148.1310, -8.4456, 48.9971



138.5850, -17.5434, -19.8070

Complementary

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



135.9760, 33.0428, -51.7220



144.0240, -33.0428, 51.7220

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.



142.3450, -26.7921, 6.7134



135.9760, 33.0428, -51.7220



146.5960, -20.5068, 44.2043

Square

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



135.9760, 33.0428, -51.7220



149.4470, 5.6956, 39.9500



144.8470, -28.0256, 29.0752



132.6490, -1.3060, -47.9272

Rectangle

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



135.9760, 33.0428, -51.7220



148.8910, 22.2387, 7.1116



144.8470, -28.0256, 29.0752



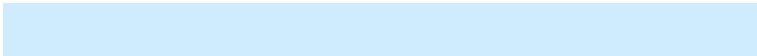
139.6140, -21.5017, -10.1855

Sweetspot

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



135.9760, 33.0428, -51.7220



229.4950, 12.5740, -19.7281



156.4340, -15.4970, -69.6636



111.9860, 7.8949, -12.2657



0.0000, 0.0000, 0.0000



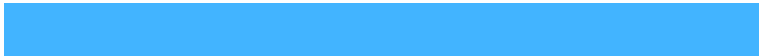
128.0000, 0.0000, 0.0000

Same Dimension

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



135.9760, 33.0428, -51.7220



154.4640, 49.5642, -77.5829



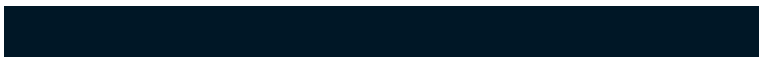
100.1690, 50.6957, -20.3192



96.6620, 2.6316, -4.0886



77.6240, 43.5694, -68.0762



17.8330, 9.9423, -15.6395

Inverse Universe

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



123.3380, 14.6234, 69.8636



135.5070, 21.9350, 104.7954



179.8310, -50.6957, 20.3192



95.6740, 1.1467, 5.5479



61.0340, 19.2102, 92.0552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 135.9760, 33.0428, -51.7220 looks on a white background.

Color Contrast Check

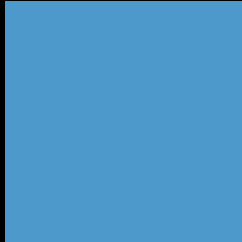
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.9760, 33.0428, -51.7220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

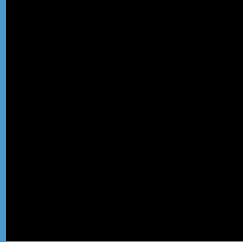
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.9760, 33.0428, -51.7220

Background



This preview shows how black text looks on a background with the YUV color 135.9760, 33.0428, -51.7220.



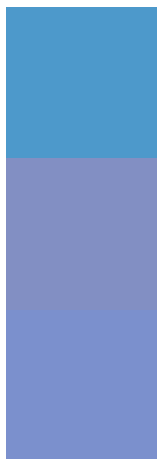
This preview shows how white text looks on a background with the YUV color 135.9760, 33.0428, -51.7220.

-51.7220.

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

135.9760, 33.0428, -51.7220

Protanopia

145.0410, 24.6298, -13.1910

Deuteranopia

144.6750, 29.7402, -19.0090



Tritanopia

131.4790, 19.9769, -60.9331

Trichromacy



Original Color

135.9760, 33.0428, -51.7220

Protanomaly

142.0500, 27.5833, -27.2309

Deuteranomaly

141.2390, 30.9412, -30.9046

Tritanomaly

133.0540, 24.6234, -57.9294

Monochromacy



Original Color

135.9760, 33.0428, -51.7220

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9790, 11.8424, -18.3986

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.9760, 33.0428, -51.7220 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(77, 153, 203)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 203)  
}
```

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(77, 153, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 203) }
```

Border

The CSS property to change the border of an element to YUV 135.9760, 33.0428, -51.7220 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(77, 153, 203) }
```


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

```
.border{ border-color:rgb(77, 153, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 153, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 153, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 153, 203);  
box-shadow:4px 4px 4px 4px rgb(77, 153,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 135.9760, 33.0428, -51.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 203) }
```

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

```
.background{ background-color: rgb(77, 153,  
203) }
```

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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