

Converting Colors

YUV(135.0390, 40.8998,
-51.7772)

Have a look what the booklet for
YUV(135.0390, 40.8998, -51.7772)
contains.

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Color

**YUV(135.0390, 40.8998,
-51.7772)**

Conversions

Conversions Part 1

Format	Color
Hex	4C95DA
RGB	76, 149, 218
RGB Percent	30%, 58%, 85%
CMY	0.7020, 0.4157, 0.1451
CMYK	0.65, 0.32, 0.00, 0.15
HSL	209°, 66%, 58%
HSV	209°, 65%, 85%
XYZ	26.3828, 28.0933, 70.3617
YIQ	135.0390, -65.6570, 5.9830

Conversions

Conversions Part 2

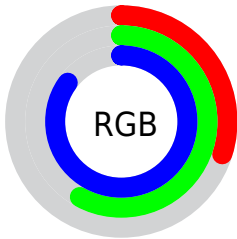
Format	Color
R_{YB}	76, 124, 218
Decimal	5019098
CIE _{Lab}	59.97, -1.31, -41.92
CIE _{LCh}	60, 41.943, 268.211
Yxy	28.0933, 0.2113, 0.2250
Android (android.graphics.Color)	4283209178 (0xFF4C95DA)
YUV	135.0390, 40.8998, -51.7772
Hunter-Lab	53.0032, -3.9055, -41.6053

Details

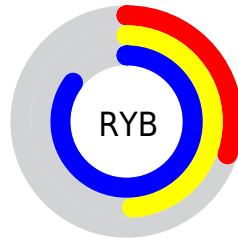
The YUV color `135.0390, 40.8998, -51.7772` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `158.9610, -40.8998, 51.7772`, and the grayscale version is `135.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `189.1940, 32.4424, -45.7741`, and `76.6950, 42.5484, -67.2615` is the 20% darker color. If you saturate the color by 10%, you get `122.0040, 47.3260, -59.6395`, and if you desaturate by 10%, it is `148.0740, 34.4735, -43.9149`.

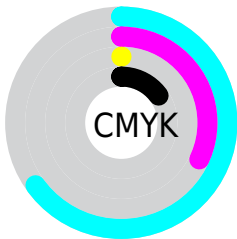
Distribution



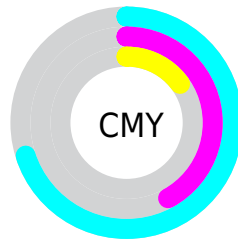
- Red (30%)
- Green (58%)
- Blue (85%)



- Red (30%)
- Yellow (49%)
- Blue (85%)



- Cyan (65%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (70%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0390, 40.8998, -51.7772 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 135.0390, 40.8998, -51.7772 by changing the saturation by 10% instead.

■ 135.0390, 40.8998,
-51.7772

■ 135.0390, 40.8998,
-51.7772

255.0000, 0.0000,
0.0000

■ 105.5220, 41.6477,
-58.3398

■ 189.1940, 32.4424,
-45.7741

■ 76.6950, 42.5484,
-67.2615

■ 214.6000, 19.9172,
-41.7452

■ 59.5290, 37.7002,
-52.2069

■ 237.6580, 8.5496,
-35.6571

■ 43.6510, 32.7101,
-38.2819

■ 246.6280, 4.1274,
-17.2138

■ 28.5880, 28.3041,
-25.0717

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 135.0390, 40.8998,
-51.7772

■ 135.0390, 40.8998,
-51.7772

■ 122.0040, 47.3260,
-59.6395

■ 148.0740, 34.4735,
-43.9149

■ 109.5560, 53.4629,
-68.0166

■ 160.5220, 28.3367,
-35.5378

■ 96.8200, 59.7417,
-75.2641

■ 173.2580, 22.0578,
-28.2903

■ 90.5960, 62.8102,
-79.4527

■ 185.7060, 15.9209,
-19.9132

■ 198.7410, 9.4947,
-12.0509

■ 211.7760, 3.0684,
-4.1886

■ 224.2240, -3.0684,
4.1886

■ 236.9600, -9.3473,
11.4361

■ 244.3250,
-12.9782, 9.3620

Harmonies

Analogous

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



116.2300, 44.2566, -101.9337



135.0390, 40.8998, -51.7772



146.8280, 31.1438, -2.4802

Triad

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



135.0390, 40.8998, -51.7772



145.1340, -16.3351, 59.5185



131.4900, -13.5526, -39.8947

Complementary

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



135.0390, 40.8998, -51.7772



158.9610, -40.8998, 51.7772

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.



138.0570, -30.1011, -5.3120



135.0390, 40.8998, -51.7772



143.8000, -29.9744, 47.5334

Square

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



135.0390, 40.8998, -51.7772



146.8790, 0.5527, 56.2341



141.7510, -35.8662, 23.8974



111.7550, 14.4178, -98.0091

Rectangle

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



135.0390, 40.8998, -51.7772



148.7020, 22.3319, 23.9403



141.7510, -35.8662, 23.8974



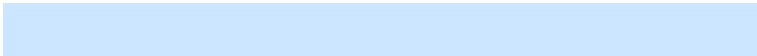
133.9600, -19.7003, -28.0289

Sweetspot

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



135.0390, 40.8998, -51.7772



225.0760, 14.7525, -18.4837



167.2200, -10.9545, -79.9999



109.9260, 8.9105, -11.3361



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.



135.0390, 40.8998, -51.7772



138.5600, 57.4049, -72.4051



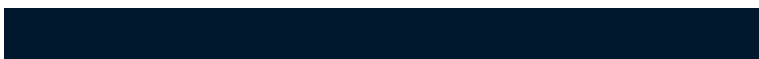
93.3620, 61.4465, -15.2265



103.1890, 3.3578, -3.6738



71.9650, 49.8103, -63.1133



19.3320, 13.1473, -16.9542

Inverse Universe

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



126.7800, 10.9545, 79.9999



127.1290, 15.2194, 112.1429



200.6380, -61.4465, 15.2265



102.8590, 0.5625, 6.2627



61.8730, 13.3736, 97.4584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 135.0390, 40.8998, -51.7772 looks on a white background.

Color Contrast Check

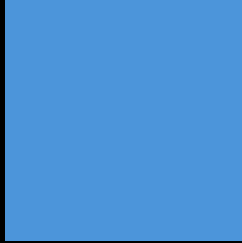
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0390, 40.8998, -51.7772 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

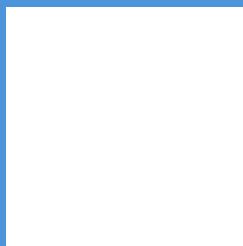
Any Text WCAG AAA × Fail

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

YUV 135.0390, 40.8998, -51.7772 Background



This preview shows how black text looks on a background with the YUV color 135.0390, 40.8998, -51.7772.

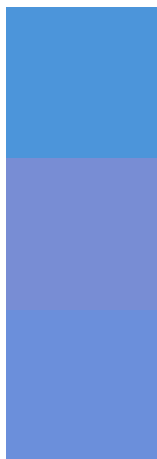


This preview shows how white text looks on a background with the YUV color 135.0390, 40.8998, -51.7772.

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

135.0390, 40.8998, -51.7772

Protanopia

142.8150, 34.1082, -20.0088

Deuteranopia

140.9000, 38.5033, -29.7303



Tritanopia

126.8910, 21.7457, -68.3104

Trichromacy



Original Color

135.0390, 40.8998, -51.7772

Protanomaly

140.0200, 36.4721, -31.5895

Deuteranomaly

138.7850, 39.5460, -37.5224

Tritanomaly

130.0580, 28.5654, -62.3179

Monochromacy



Original Color

135.0390, 40.8998, -51.7772

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0760, 14.7525, -18.4837

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0390, 40.8998, -51.7772 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(76, 149, 218)` looks like.

```
.text, #text, p{  
    color:rgb(76, 149, 218)  
}
```

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(76, 149, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 149, 218) }
```

Border

The CSS property to change the border of an element to YUV 135.0390, 40.8998, -51.7772 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(76, 149, 218) }
```


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

```
.border{ border-color:rgb(76, 149, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 149, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 149, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 149, 218);  
box-shadow:4px 4px 4px 4px rgb(76, 149,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 135.0390, 40.8998, -51.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 149, 218) }
```

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

```
.background{ background-color: rgb(76, 149,  
218) }
```

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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