

Converting Colors

YUV(125.5840, 34.2221,
-56.6402)

Have a look what the booklet for
YUV(125.5840, 34.2221, -56.6402)
contains.

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Color

**YUV(125.5840, 34.2221,
-56.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	3D91C3
RGB	61, 145, 195
RGB Percent	24%, 57%, 76%
CMY	0.7608, 0.4314, 0.2353
CMYK	0.69, 0.26, 0.00, 0.24
HSL	202°, 53%, 50%
HSV	202°, 69%, 76%
XYZ	21.9002, 25.1830, 55.3363
YIQ	125.5840, -66.1140, -2.2580

Conversions

Conversions Part 2

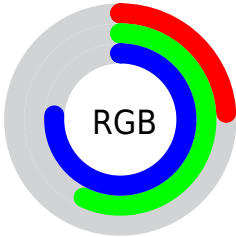
Format	Color
R_{YB}	61, 113, 195
Decimal	4035011
CIE _{Lab}	57.25, -9.22, -33.31
CIE _{LCh}	57, 34.558, 254.531
Yxy	25.1830, 0.2138, 0.2459
Android (android.graphics.Color)	4282225091 (0xFF3D91C3)
YUV	125.5840, 34.2221, -56.6402
Hunter-Lab	50.1827, -9.9207, -30.2510

Details

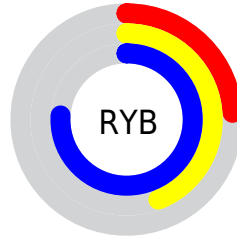
The YUV color **125.5840, 34.2221, -56.6402** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **130.4160, -34.2221, 56.6402**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3180, 34.3532, -52.0219**, and **71.8390, 34.0964, -63.0028** is the 20% darker color. If you saturate the color by 10%, you get **115.7940, 39.0486, -64.7173**, and if you desaturate by 10%, it is **135.6730, 29.2482, -47.9482**.

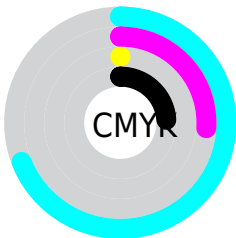
Distribution



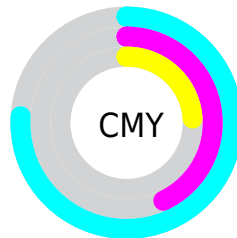
- Red (24%)
- Green (57%)
- Blue (76%)



- Red (24%)
- Yellow (44%)
- Blue (76%)



- Cyan (69%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.5840, 34.2221, -56.6402 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 125.5840, 34.2221, -56.6402 by changing the saturation by 10% instead.

■ 125.5840, 34.2221,
-56.6402

■ 125.5840, 34.2221,
-56.6402

■ 255.0000, 0.0000,
0.0000

■ 94.0880, 36.4386,
-67.6062

■ 182.3180, 34.3532,
-52.0219

■ 71.8390, 34.0964,
-63.0028

■ 207.7670, 23.2859,
-48.9077

■ 54.7870, 29.6850,
-48.0482

■ 233.1730, 10.7607,
-44.8787

■ 39.0230, 25.1317,
-34.2232

■ 241.8440, 6.4859,
-27.0502

■ 24.6610, 20.8731,
-21.6277

■ 250.8140, 2.0637,
-8.6069

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 125.5840, 34.2221,
-56.6402

■ 125.5840, 34.2221,
-56.6402

■ 115.7940, 39.0486,
-64.7173

■ 135.6730, 29.2482,
-47.9482

■ 105.1180, 44.3118,
-72.8945

■ 146.0500, 24.1324,
-40.3858

■ 95.3280, 49.1383,
-80.9717

■ 156.1390, 19.1585,
-31.6939

■ 93.8440, 49.8699,
-82.3012

■ 165.9290, 14.3320,
-23.6167

■ 176.0180, 9.3581,
-14.9248

■ 186.3950, 4.2423,
-7.3624

■ 196.4840, -0.7316,
1.3295

■ 206.2740, -5.5581,
9.4067

■ 216.3630,
-10.5320, 18.0986

Harmonies

Analogous

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



109.0430, 34.4888, -95.6307



125.5840, 34.2221, -56.6402



136.5720, 29.2980, -17.1646

Triad

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



125.5840, 34.2221, -56.6402



139.6580, -7.7194, 49.4119



130.0690, -18.2750, -18.4775

Complementary

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



125.5840, 34.2221, -56.6402



130.4160, -34.2221, 56.6402

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.



133.5300, -27.3763, 7.4282



125.5840, 34.2221, -56.6402



138.3080, -20.3648, 45.3339

Square

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



125.5840, 34.2221, -56.6402



141.2620, 6.2798, 39.2352



136.1460, -28.1730, 29.6900



123.5350, -1.7428, -47.8272

Rectangle

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



125.5840, 34.2221, -56.6402



140.4070, 22.9703, 5.7821



136.1460, -28.1730, 29.6900



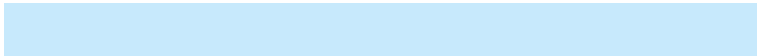
131.5000, -21.9385, -10.0855

Sweetspot

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



125.5840, 34.2221, -56.6402



225.0000, 13.3110, -22.8020



145.2440, -17.3753, -73.8820



111.3880, 8.1897, -13.4953



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.



125.5840, 34.2221, -56.6402



144.9080, 52.7964, -87.6193



86.8420, 53.3219, -22.6634



91.6620, 2.6316, -4.0886



77.6410, 41.0960, -68.0912



16.0890, 8.3371, -14.1101

Inverse Universe

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



110.6420, 16.9385, 73.9820



121.7130, 26.2705, 114.2617



169.1580, -53.3219, 22.6634



90.6740, 1.1467, 5.5479



59.6530, 20.3841, 88.8813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 125.5840, 34.2221, -56.6402 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 125.5840, 34.2221, -56.6402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

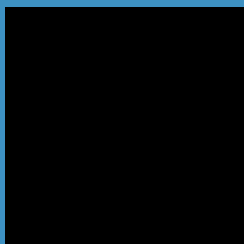
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

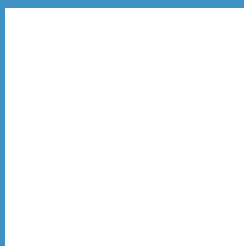
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 125.5840, 34.2221, -56.6402

Background



This preview shows how black text looks on a background with the YUV color 125.5840, 34.2221, -56.6402.

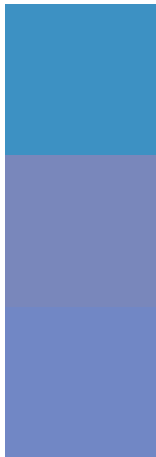


This preview shows how white text looks on a background with the YUV color 125.5840, 34.2221, -56.6402.

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

125.5840, 34.2221, -56.6402

Protanopia

136.7420, 24.7772, -13.8057

Deuteranopia

135.4900, 30.3244, -19.7237



Tritanopia

119.1790, 21.6038, -69.4400

Trichromacy



Original Color

125.5840, 34.2221, -56.6402

Protanomaly

132.8540, 28.1730, -29.6900

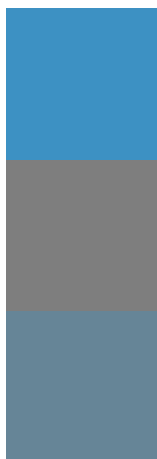
Deuteranomaly

132.0430, 31.5308, -33.3637

Tritanomaly

121.7650, 26.2449, -64.6919

Monochromacy



Original Color

125.5840, 34.2221, -56.6402

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.7830, 12.4320, -20.8577

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.5840, 34.2221, -56.6402 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(61, 145, 195)` looks like.

```
.text, #text, p{  
    color:rgb(61, 145, 195)  
}
```

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(61, 145, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 145, 195) }
```

Border

The CSS property to change the border of an element to YUV 125.5840, 34.2221, -56.6402 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(61, 145, 195) }
```


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

```
.border{ border-color:rgb(61, 145, 195) }
```

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

Here you see how a box with a 4 pixel rgb(61, 145, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(61, 145,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 125.5840, 34.2221, -56.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 145, 195) }
```

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

```
.background{ background-color: rgb(61, 145,  
195) }
```

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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