

Converting Colors

YUV(156.8640, 22.7450,
-62.1477)

Have a look what the booklet for
YUV(156.8640, 22.7450, -62.1477)
contains.

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Color

**YUV(156.8640, 22.7450,
-62.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	56B8CB
RGB	86, 184, 203
RGB Percent	34%, 72%, 80%
CMY	0.6627, 0.2784, 0.2039
CMYK	0.58, 0.09, 0.00, 0.20
HSL	190°, 53%, 57%
HSV	190°, 58%, 80%
XYZ	31.7577, 40.5712, 62.6571
YIQ	156.8640, -64.5070, -14.8670

Conversions

Conversions Part 2

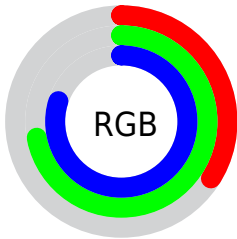
Format	Color
R _Y B	86, 139, 203
Decimal	5683403
CIE Lab	69.87, -23.19, -18.29
CIE LCh	70, 29.540, 218.266
Yxy	40.5712, 0.2353, 0.3006
Android (android.graphics.Color)	4283873483 (0xFF56B8CB)
YUV	156.8640, 22.7450, -62.1477
Hunter-Lab	63.6955, -22.4695, -13.7365

Details

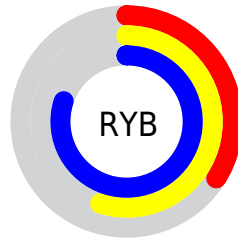
The YUV color **156.8640, 22.7450, -62.1477** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **132.1360, -22.7450, 62.1477**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3050, 20.5556, -59.9035**, and **93.8830, 27.1727, -82.3354** is the 20% darker color. If you saturate the color by 10%, you get **149.1230, 26.5614, -72.8989**, and if you desaturate by 10%, it is **164.6050, 18.9287, -51.3966**.

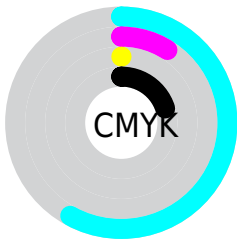
Distribution



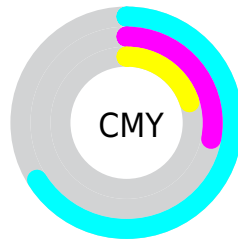
- Red (34%)
- Green (72%)
- Blue (80%)



- Red (34%)
- Yellow (55%)
- Blue (80%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.8640, 22.7450, -62.1477 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 156.8640, 22.7450, -62.1477 by changing the saturation by 10% instead.

■ 156.8640, 22.7450,
-62.1477

■ 156.8640, 22.7450,
-62.1477

■ 255.0000, 0.0000,
0.0000

■ 128.0700, 23.6295,
-65.8364

■ 213.3050, 20.5556,
-59.9035

■ 93.8830, 27.1727,
-82.3354

■ 230.7810, 11.9400,
-49.7969

■ 75.6570, 23.3401,
-66.3512

■ 239.7510, 7.5178,
-31.3536

■ 58.7190, 19.3655,
-51.4966

■ 248.7210, 3.0955,
-12.9103

■ 42.4820, 15.5384,
-37.2567

■ 27.0600, 12.2954,
-23.7316

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 156.8640, 22.7450,
-62.1477

■ 156.8640, 22.7450,
-62.1477

■ 149.1230, 26.5614,
-72.8989

■ 164.6050, 18.9287,
-51.3966

■ 140.4960, 30.8145,
-83.7500

■ 173.2320, 14.6756,
-40.5455

■ 132.7550, 34.6308,
-94.5011

■ 180.9730, 10.8593,
-29.7943

■ 125.0140, 38.4471,
-105.2523

■ 188.7140, 7.0430,
-19.0432

■ 122.9320, 39.4735,
-107.8114

■ 196.7540, 3.0793,
-7.6773

■ 205.0820, -1.0264,
2.5591

■ 212.8230, -4.8427,
13.3102

■ 220.5640, -8.6591,
24.0614

■ 225.0050,
-10.8485, 26.3056

Harmonies

Analogous

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



157.4660, 9.6303, -55.6597



156.8640, 22.7450, -62.1477



162.7440, 28.2272, -47.1335

Triad

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



156.8640, 22.7450, -62.1477



174.6740, 8.0487, 31.8579



168.1330, -25.2086, 12.1614

Complementary

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



156.8640, 22.7450, -62.1477



132.1360, -22.7450, 62.1477

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.



170.8950, -24.1052, 31.6641



156.8640, 22.7450, -62.1477



174.3090, -5.0823, 43.5790

Square

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



156.8640, 22.7450, -62.1477



173.8050, 19.3231, 8.9410



172.6220, -16.5756, 43.3045



165.4120, -18.4441, -10.8853

Rectangle

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



156.8640, 22.7450, -62.1477



167.7400, 27.7362, -29.5900



172.6220, -16.5756, 43.3045



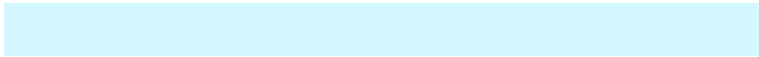
169.0630, -25.6671, 19.2387

Sweetspot

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



156.8640, 22.7450, -62.1477



238.0340, 8.3642, -22.8318



156.7310, -25.9964, -62.0311



117.2910, 5.2795, -13.4102



0.0000, 0.0000, 0.0000



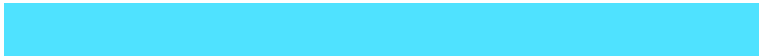
128.0000, 0.0000, 0.0000

Same Dimension

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



156.8640, 22.7450, -62.1477



185.3530, 34.3360, -93.2716



123.4050, 39.2403, -32.8042



97.8360, 2.0529, -5.1182



100.5170, 32.2831, -88.1534



23.1160, 7.3378, -20.2727

Inverse Universe

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



132.1550, 25.5596, 62.1311



148.3820, 38.2657, 93.5040



165.5950, -39.2403, 32.8042



95.9020, 2.0203, 5.3479



65.4800, 36.2454, 88.1560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 156.8640, 22.7450, -62.1477 looks on a white background.

Color Contrast Check

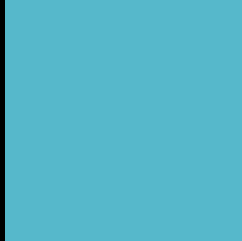
Large Text (above 18pt) WCAG AA × Fail

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 156.8640, 22.7450, -62.1477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

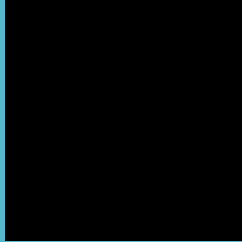
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8640, 22.7450, -62.1477

Background



This preview shows how black text looks on a background with the YUV color 156.8640, 22.7450, -62.1477.



This preview shows how white text looks on a background with the YUV color 156.8640, 22.7450, -62.1477.

-62.1477.

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

156.8640, 22.7450, -62.1477

Protanopia

170.2520, 11.2148, -3.7290

Deuteranopia

171.2720, 17.6139, -2.8695



Tritanopia

156.8100, 21.2927, -62.9774

Trichromacy



Original Color

156.8640, 22.7450, -62.1477

Protanomaly

165.5590, 15.5004, -25.0462

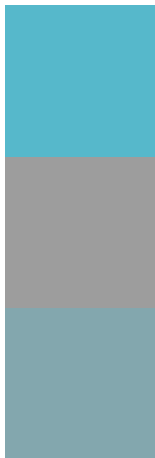
Deuteranomaly

166.2970, 19.5736, -24.8165

Tritanomaly

156.9240, 21.7295, -63.0773

Monochromacy



Original Color

156.8640, 22.7450, -62.1477

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0340, 8.3642, -22.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8640, 22.7450, -62.1477 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(86, 184, 203)` looks like.

```
.text, #text, p{  
    color:rgb(86, 184, 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(86, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 184, 203) }
```

Border

The CSS property to change the border of an element to YUV 156.8640, 22.7450, -62.1477 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(86, 184, 203) }
```


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

```
.border{ border-color:rgb(86, 184, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 184, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(86, 184,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 156.8640, 22.7450, -62.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 184, 203) }
```

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

```
.background{ background-color: rgb(86, 184,  
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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