

Converting Colors

YUV(152.6440, 23.3465,
-21.6128)

Have a look what the booklet for
YUV(152.6440, 23.3465, -21.6128)
contains.

YUV(152.6440, 23.3465, -21.6128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(152.6440, 23.3465,
-21.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	809CC8
RGB	128, 156, 200
RGB Percent	50%, 61%, 78%
CMY	0.4980, 0.3882, 0.2157
CMYK	0.36, 0.22, 0.00, 0.22
HSL	217°, 40%, 64%
HSV	217°, 36%, 78%
XYZ	31.2159, 32.5363, 59.2785
YIQ	152.6440, -30.8120, 7.7480

Conversions

Conversions Part 2

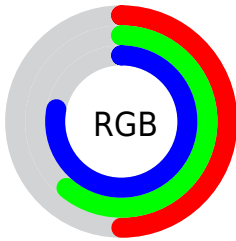
Format	Color
R_{YB}	128, 148, 200
Decimal	8428744
CIE Lab	63.78, 1.08, -25.75
CIE LCh	64, 25.773, 272.392
Yxy	32.5363, 0.2537, 0.2645
Android (android.graphics.Color)	4286618824 (0xFF809CC8)
YUV	152.6440, 23.3465, -21.6128
Hunter-Lab	57.0406, -2.1355, -21.6877

Details

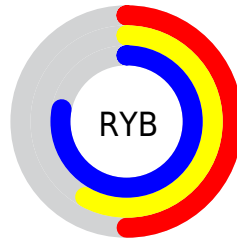
The YUV color **152.6440, 23.3465, -21.6128** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.3560, -23.3465, 21.6128**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0570, 23.6359, -21.0980**, and **101.0030, 22.1835, -21.9276** is the 20% darker color. If you saturate the color by 10%, you get **139.6200, 29.7673, -27.7307**, and if you desaturate by 10%, it is **165.6680, 16.9257, -15.4948**.

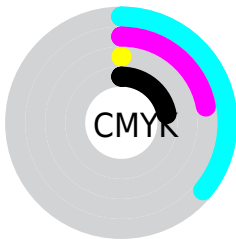
Distribution



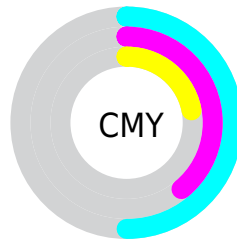
- Red (50%)
- Green (61%)
- Blue (78%)



- Red (50%)
- Yellow (58%)
- Blue (78%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.6440, 23.3465, -21.6128 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 152.6440, 23.3465, -21.6128 by changing the saturation by 10% instead.

■ 152.6440, 23.3465,
-21.6128

■ 152.6440, 23.3465,
-21.6128

255.0000, 0.0000,
0.0000

■ 126.5300, 22.9097,
-21.5128

■ 207.0570, 23.6359,
-21.0980

■ 101.0030, 22.1835,
-21.9276

■ 232.4520, 11.1162,
-18.8134

■ 76.1770, 21.6047,
-22.9572

■ 250.5150, 2.2111,
-9.2217

■ 51.1550, 21.6156,
-26.4459

■ 29.8130, 20.3052,
-26.1460

■ 14.3910, 17.0622,
-12.6209

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 152.6440, 23.3465,
-21.6128

■ 152.6440, 23.3465,
-21.6128

■ 139.6200, 29.7673,
-27.7307

■ 165.6680, 16.9257,
-15.4948

■ 126.5960, 36.1882,
-33.8487

■ 178.6920, 10.5048,
-9.3769

■ 112.9850, 42.8984,
-39.4518

■ 192.3030, 3.7946,
-3.7737

■ 99.9610, 49.3192,
-45.5698

■ 205.3270, -2.6262,
2.3442

■ 86.9370, 55.7401,
-51.6877

■ 218.3510, -9.0470,
8.4622

■ 73.9130, 62.1609,
-57.8057

■ 231.3750,
-15.4679, 14.5801

■ 68.5860, 64.7871,
-60.1499

■ 241.0990,
-20.2618, 12.1912

■ 248.1430,
-23.7345, 6.0136

■ 248.7300,
-24.0239, 5.4988

Harmonies

Analogous

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



147.2130, 23.5590, -43.1598



152.6440, 23.3465, -21.6128



156.7180, 17.8870, 2.8783

Triad

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



152.6440, 23.3465, -21.6128



156.9140, -12.7756, 37.7864



147.2990, -7.0494, -25.6952

Complementary

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



152.6440, 23.3465, -21.6128



175.3560, -23.3465, 21.6128

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.



150.6730, -17.5868, -5.8522



152.6440, 23.3465, -21.6128



155.3230, -19.8792, 29.5347

Square

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



152.6440, 23.3465, -21.6128



157.9490, -2.4399, 36.0017



153.3550, -21.8670, 13.7207



143.9190, 5.9559, -43.7790

Rectangle

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



152.6440, 23.3465, -21.6128



158.0250, 12.3127, 17.5181



153.3550, -21.8670, 13.7207



148.6050, -11.1443, -18.9476

Sweetspot

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



152.6440, 23.3465, -21.6128



236.6490, 9.0470, -8.4622



175.1660, -2.0538, -41.3646



116.4600, 5.6892, -4.7884



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.



152.6440, 23.3465, -21.6128



182.7810, 35.6040, -33.1339



138.3010, 30.4176, -2.8950



92.7870, 3.0630, -2.4442



55.5630, 52.9664, -48.7288



12.3220, 11.6733, -10.8064

Inverse Universe

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



152.7200, 1.6170, 41.4646



182.7920, 2.5675, 63.3264



189.6990, -30.4176, 2.8950



93.0330, -0.0163, 5.2331



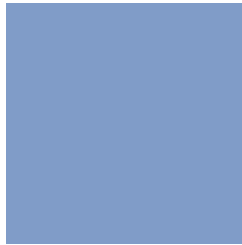
55.9190, 3.4909, 93.9100



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 152.6440, 23.3465, -21.6128 looks on a white background.

Color Contrast Check

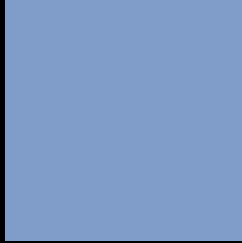
Large Text (above 18pt) WCAG AA × Fail

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 152.6440, 23.3465, -21.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

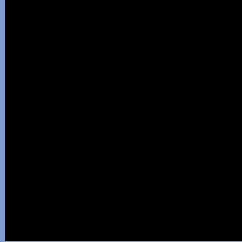
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

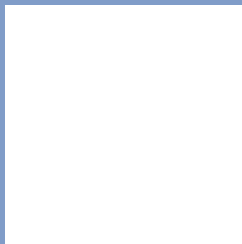
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 152.6440, 23.3465, -21.6128

Background



This preview shows how black text looks on a background with the YUV color 152.6440, 23.3465, -21.6128.



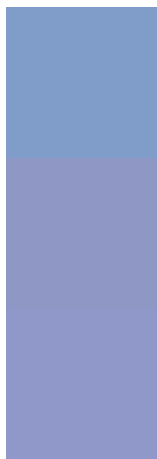
This preview shows how white text looks on a background with the YUV color 152.6440, 23.3465, -21.6128.

-21.6128.

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

152.6440, 23.3465, -21.6128

Protanopia

154.4390, 20.9826, -10.0320

Deuteranopia

155.1940, 22.5824, -9.8171



Tritanopia

150.8210, 11.4272, -25.2760

Trichromacy



Original Color

152.6440, 23.3465, -21.6128

Protanomaly

153.6450, 21.8670, -13.7207

Deuteranomaly

153.9870, 23.1774, -14.0206

Tritanomaly

151.2710, 15.6424, -23.9167

Monochromacy



Original Color

152.6440, 23.3465, -21.6128

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8340, 8.4628, -7.7474

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.6440, 23.3465, -21.6128 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(128, 156, 200)` looks like.

```
.text, #text, p{  
    color:rgb(128, 156, 200)  
}
```

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(128, 156, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 156, 200) }
```

Border

The CSS property to change the border of an element to YUV 152.6440, 23.3465, -21.6128 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(128, 156, 200) }
```


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

```
.border{ border-color:rgb(128, 156, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 156, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 156, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 156, 200);  
box-shadow:4px 4px 4px 4px rgb(128, 156,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 152.6440, 23.3465, -21.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 156, 200) }
```

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

```
.background{ background-color: rgb(128,  
156, 200) }
```

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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