

Converting Colors

YUV(124.2200, 23.0625,
-23.8719)

Have a look what the booklet for
YUV(124.2200, 23.0625, -23.8719)
contains.

YUV(124.2200, 23.0625, -23.8719)	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(124.2200, 23.0625,
-23.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	6181AB
RGB	97, 129, 171
RGB Percent	38%, 51%, 67%
CMY	0.6196, 0.4941, 0.3294
CMYK	0.43, 0.25, 0.00, 0.33
HSL	214°, 31%, 53%
HSV	214°, 43%, 67%
XYZ	20.1307, 21.1822, 41.5556
YIQ	124.2200, -32.5540, 6.2780

Conversions

Conversions Part 2

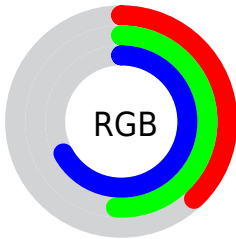
Format	Color
R_{YB}	97, 119, 171
Decimal	6390187
CIE _{Lab}	53.15, -0.01, -25.85
CIE _{LCh}	53, 25.852, 269.975
Yxy	21.1822, 0.2429, 0.2556
Android (android.graphics.Color)	4284580267 (0xFF6181AB)
YUV	124.2200, 23.0625, -23.8719
Hunter-Lab	46.0241, -2.4672, -21.3167

Details

The YUV color **124.2200, 23.0625, -23.8719** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **143.7800, -23.0625, 23.8719**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7470, 23.7887, -23.4571**, and **73.6820, 22.3418, -26.0311** is the 20% darker color. If you saturate the color by 10%, you get **113.2670, 28.4624, -29.1752**, and if you desaturate by 10%, it is **135.1730, 17.6627, -18.5687**.

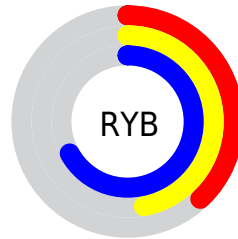
Distribution



Red (38%)

Green (51%)

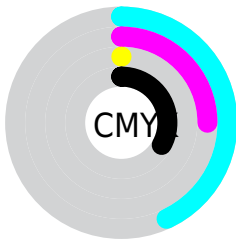
Blue (67%)



Red (38%)

Yellow (47%)

Blue (67%)

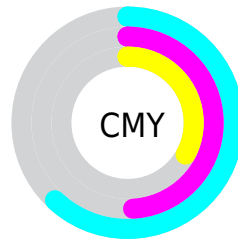


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (62%)

Magenta (49%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.2200, 23.0625, -23.8719 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 124.2200, 23.0625, -23.8719 by changing the saturation by 10% instead.

■ 124.2200, 23.0625,
-23.8719

■ 124.2200, 23.0625,
-23.8719

■ 255.0000, 0.0000,
0.0000

■ 98.6930, 22.3364,
-24.2868

■ 177.7470, 23.7887,
-23.4571

■ 73.6820, 22.3418,
-26.0311

■ 204.9750, 24.6623,
-23.6571

■ 48.0620, 22.6474,
-30.7494

■ 229.7830, 12.4320,
-20.8577

■ 29.1120, 20.1578,
-25.5312

■ 249.0200, 2.9481,
-12.2955

■ 13.5760, 16.4780,
-11.9062

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,

0.0000

■ 124.2200, 23.0625,
-23.8719

■ 124.2200, 23.0625,
-23.8719

■ 113.2670, 28.4624,
-29.1752

■ 135.1730, 17.6627,
-18.5687

■ 102.9010, 33.5728,
-34.9932

■ 145.5390, 12.5523,
-12.7507

■ 91.9480, 38.9726,
-40.2964

■ 156.4920, 7.1524,
-7.4475

■ 80.9950, 44.3725,
-45.5996

■ 167.4450, 1.7526,
-2.1443

■ 69.7430, 49.9197,
-51.5176

■ 178.3980, -3.6472,
3.1590

■ 62.9320, 53.2775,
-55.1914

■ 189.0630, -8.9051,
9.5917

■ 200.0160,
-14.3049, 14.8950

■ 210.9690,
-19.7047, 20.1982

■ 221.3350,
-24.8152, 26.0162

Harmonies

Analogous

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



117.4900, 23.4224, -46.0337



124.2200, 23.0625, -23.8719



128.7070, 17.8924, 1.1340

Triad

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



124.2200, 23.0625, -23.8719



128.6580, -11.1704, 36.2569



120.0820, -7.9284, -23.7509

Complementary

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



124.2200, 23.0625, -23.8719



143.7800, -23.0625, 23.8719

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.



123.0970, -17.3028, -3.5931



124.2200, 23.0625, -23.8719



127.2520, -18.8582, 28.7200

Square

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



124.2200, 23.0625, -23.8719



129.6930, -0.8346, 34.4722



125.1810, -21.2882, 14.7503



115.9900, 4.9349, -42.9642

Rectangle

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



124.2200, 23.0625, -23.8719



130.1280, 12.7549, 15.6737



125.1810, -21.2882, 14.7503



121.5020, -11.5865, -17.1033

Sweetspot

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



124.2200, 23.0625, -23.8719



203.3500, 9.1945, -9.0769



145.2260, -3.0694, -42.2942



100.7480, 5.5472, -5.9180



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



124.2200, 23.0625, -23.8719



148.5740, 36.1990, -37.3374



106.9310, 31.5860, -4.3245



81.3740, 2.7736, -2.9590



55.2550, 46.7093, -48.4586



8.4920, 7.1524, -7.4475

Inverse Universe

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



122.7740, 3.0694, 42.2942



146.3840, 4.7407, 66.3152



161.0690, -31.5860, 4.3245



81.1470, 0.4205, 5.1331



52.2600, 6.2808, 85.7180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 124.2200, 23.0625, -23.8719 looks on a white background.

Color Contrast Check

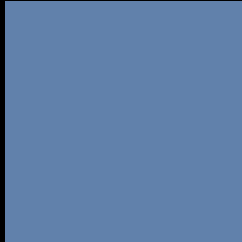
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.2200, 23.0625, -23.8719 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 124.2200, 23.0625, -23.8719

Background



This preview shows how black text looks on a background with the YUV color 124.2200, 23.0625, -23.8719.



This preview shows how white text looks on a background with the YUV color 124.2200, 23.0625, -23.8719.

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

124.2200, 23.0625, -23.8719

Protanopia

126.9120, 20.2564, -10.4468

Deuteranopia

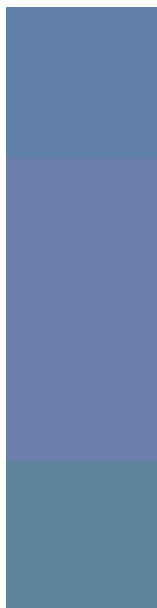
126.7700, 22.2984, -12.0763



Tritanopia

122.0980, 11.2907, -28.1499

Trichromacy



Original Color

124.2200, 23.0625, -23.8719

Protanomaly

125.5200, 21.4356, -15.3650

Deuteranomaly

125.5630, 22.8934, -16.2798

Tritanomaly

122.8470, 15.3584, -26.1758

Monochromacy



Original Color

124.2200, 23.0625, -23.8719

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1220, 8.3209, -8.8770

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.2200, 23.0625, -23.8719 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(97, 129, 171)` looks like.

```
.text, #text, p{  
    color:rgb(97, 129, 171)  
}
```

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(97, 129, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 129, 171) }
```

Border

The CSS property to change the border of an element to YUV 124.2200, 23.0625, -23.8719 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(97, 129, 171) }
```


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

```
.border{ border-color:rgb(97, 129, 171) }
```

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

Here you see how a box with a 4 pixel rgb(97, 129, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 129, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 129, 171);  
box-shadow:4px 4px 4px 4px rgb(97, 129,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 124.2200, 23.0625, -23.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 129, 171) }
```

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

```
.background{ background-color: rgb(97, 129,  
171) }
```

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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