

Converting Colors

YUV(127.3210, -23.3293,
62.8625)

Have a look what the booklet for
YUV(127.3210, -23.3293, 62.8625)
contains.

YUV(127.3210, -23.3293, 62.8625)	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(127.3210, -23.3293,
62.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	C76450
RGB	199, 100, 80
RGB Percent	78%, 39%, 31%
CMY	0.2196, 0.6078, 0.6863
CMYK	0.00, 0.50, 0.60, 0.22
HSL	10°, 52%, 55%
HSV	10°, 60%, 78%
XYZ	29.5583, 21.8356, 10.2462
YIQ	127.3210, 65.4240, 14.7680

Conversions

Conversions Part 2

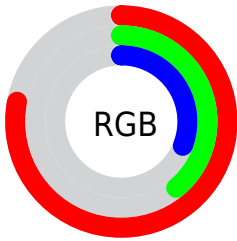
Format	Color
R_{YB}	199, 104, 80
Decimal	13067344
CIE Lab	53.85, 37.67, 29.46
CIE LCh	54, 47.822, 38.035
Yxy	21.8356, 0.4795, 0.3542
Android (android.graphics.Color)	4291257424 (0xFFC76450)
YUV	127.3210, -23.3293, 62.8625
Hunter-Lab	46.7286, 31.1356, 19.7095

Details

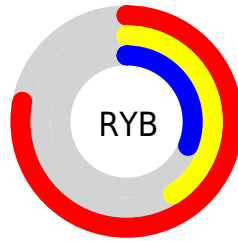
The YUV color **127.3210, -23.3293, 62.8625** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **151.6790, 23.3293, -62.8625**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.8760, -25.0819, 65.0067**, and **74.6130, -19.5292, 57.3444** is the 20% darker color. If you saturate the color by 10%, you get **115.0620, -27.1456, 73.6136**, and if you desaturate by 10%, it is **139.5800, -19.5129, 52.1113**.

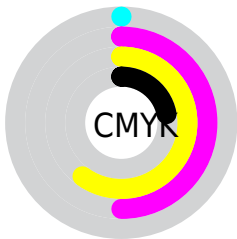
Distribution



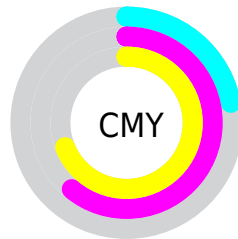
- Red (78%)
- Green (39%)
- Blue (31%)



- Red (78%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.3210, -23.3293, 62.8625 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 127.3210, -23.3293, 62.8625 by changing the saturation by 10% instead.

■ 127.3210,
-23.3293, 62.8625

■ 127.3210,
-23.3293, 62.8625

■ 255.0000, 0.0000,
0.0000

■ 101.0540,
-21.7186, 59.5886

■ 180.8760,
-25.0819, 65.0067

■ 74.6130, -19.5292,
57.3444

■ 199.6890,
-21.5387, 48.5077

■ 48.2860, -16.9030,
55.0002

■ 219.2030,
-17.8481, 31.3940

■ 24.8170, -12.2348,
51.0265

■ 239.3040,
-14.4469, 13.7654

■ 16.7440, -8.2548,
34.4275

■ 253.1760, -6.9888,
1.5996

■ 6.9910, -2.9536,
14.0399

■ 0.0000, 0.0000,

0.0000

■ 127.3210,
-23.3293, 62.8625

■ 127.3210,
-23.3293, 62.8625

■ 115.0620,
-27.1456, 73.6136

■ 139.5800,
-19.5129, 52.1113

■ 103.3900,
-31.2513, 83.8500

■ 151.2520,
-15.4072, 41.8750

■ 91.1310, -35.0676,
94.6011

■ 163.5110,
-11.5909, 31.1239

■ 79.4590, -39.1733,
104.8375

■ 175.1830, -7.4852,
20.8875

■ 78.8720, -38.8839,
105.3523

■ 187.4420, -3.6689,
10.1364

■ 199.0000, 0.0000,
0.0000

■ 211.2590, 3.8163,
-10.7511

■ 222.9310, 7.9220,
-20.9875

■ 234.7340, 9.9911,
-31.3387

Harmonies

Analogous

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



128.5660, -4.7160, 66.1556



127.3210, -23.3293, 62.8625



125.9430, -36.9469, 43.9000

Triad

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



127.3210, -23.3293, 62.8625



103.8110, -3.8508, -71.7482



121.4790, 43.6409, -44.2701

Complementary

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



127.3210, -23.3293, 62.8625



151.6790, 23.3293, -62.8625

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.



106.1370, 48.7395, -93.0821



127.3210, -23.3293, 62.8625



103.3090, 17.5957, -90.6020

Square

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



127.3210, -23.3293, 62.8625



118.6100, -28.8947, -18.9520



107.1680, 34.9202, -93.9863



132.1010, 30.5162, 12.1894

Rectangle

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



127.3210, -23.3293, 62.8625



124.6820, -41.2552, 25.7119



107.1680, 34.9202, -93.9863



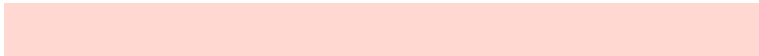
105.4030, 52.0593, -84.5454

Sweetspot

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



127.3210, -23.3293, 62.8625



227.4500, -9.0958, 24.1614



126.8670, 25.7016, 63.2606



110.6060, -5.7218, 15.2545



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.



127.3210, -23.3293, 62.8625



144.2130, -36.0940, 97.1602



161.9540, -40.4033, 32.4893



93.2780, -1.6161, 5.0182



64.5860, -31.8409, 86.3091



14.2860, -7.0430, 19.0432

Inverse Universe

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



151.6790, 23.3293, -62.8625



181.7870, 36.0940, -97.1602



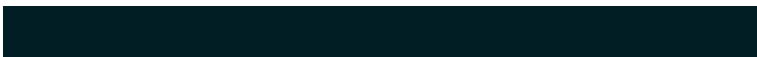
117.0460, 40.4033, -32.4893



95.7220, 1.6161, -5.0182



98.4140, 31.8409, -86.3091



21.7140, 7.0430, -19.0432

Previews

White Background



This preview shows how the YUV color 127.3210, -23.3293, 62.8625 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 127.3210, -23.3293, 62.8625 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 127.3210, -23.3293, 62.8625

Background



This preview shows how black text looks on a background with the YUV color 127.3210, -23.3293, 62.8625.



This preview shows how white text looks on a background with the YUV color 127.3210, -23.3293, 62.8625.

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

127.3210, -23.3293, 62.8625

Protanopia

127.7720, -17.6356, 9.8470

Deuteranopia

127.8080, -25.5413, 25.6014



Tritanopia

128.5950, -12.1253, 62.6222

Trichromacy



Original Color

127.3210, -23.3293, 62.8625

Protanomaly

127.4370, -19.4424, 29.4348

Deuteranomaly

127.7110, -25.0005, 38.8415

Tritanomaly

128.1560, -16.3459, 63.0072

Monochromacy



Original Color

127.3210, -23.3293, 62.8625

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.9660, -8.3642, 22.8318

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3210, -23.3293, 62.8625 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(199, 100, 80)` looks like.

```
.text, #text, p{  
    color:rgb(199, 100, 80)  
}
```

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(199, 100, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 100, 80) }
```

Border

The CSS property to change the border of an element to YUV 127.3210, -23.3293, 62.8625 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(199, 100, 80) }
```


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

```
.border{ border-color:rgb(199, 100, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 100, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 100, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 100, 80);  
box-shadow:4px 4px 4px 4px rgb(199, 100,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 127.3210, -23.3293, 62.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 100, 80) }
```

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

```
.background{ background-color: rgb(199,  
100, 80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor