

Converting Colors

YUV(23.8620, -10.7780, 3.6290)

Have a look what the booklet for
YUV(23.8620, -10.7780, 3.6290)
contains.

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Color

**YUV(23.8620, -10.7780,
3.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1A02
RGB	28, 26, 2
RGB Percent	11%, 10%, 1%
CMY	0.8902, 0.8980, 0.9922
CMYK	0.00, 0.07, 0.93, 0.89
HSL	55°, 87%, 6%
HSV	55°, 93%, 11%
XYZ	0.8592, 0.9900, 0.2032
YIQ	23.8620, 8.8960, -7.0400

Conversions

Conversions Part 2

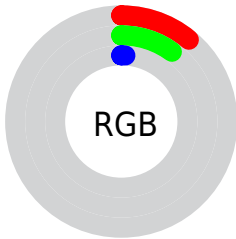
Format	Color
R_{YB}	4, 28, 2
Decimal	1841666
CIE _{Lab}	8.91, -3.20, 12.45
CIE _{LCh}	9, 12.858, 104.432
Yxy	0.9900, 0.4186, 0.4824
Android (android.graphics.Color)	4280031746 (0xFF1C1A02)
YUV	23.8620, -10.7780, 3.6290
Hunter-Lab	9.9501, -1.9984, 5.7540

Details

The YUV color **23.8620, -10.7780, 3.6290** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **6.1380, 10.7780, -3.6290**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3180, -9.0308, 3.2291**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **23.6340, -11.6516, 3.8290**, and if you desaturate by 10%, it is **24.2040, -9.4676, 3.3291**.

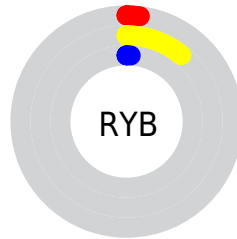
Distribution



Red (11%)

Green (10%)

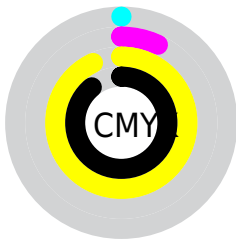
Blue (1%)



Red (2%)

Yellow (11%)

Blue (1%)

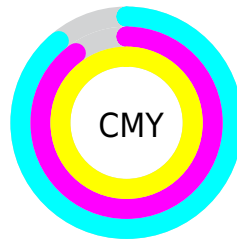


Cyan (0%)

Magenta (7%)

Yellow (93%)

Black (89%)



Cyan (89%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.8620, -10.7780, 3.6290 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 23.8620, -10.7780, 3.6290 by changing the saturation by 10% instead.

■ 23.8620, -10.7780,
3.6290

■ 23.8620, -10.7780,
3.6290

■ 250.7480,
-11.2148, 3.7290

■ 0.0000, 0.0000,
0.0000

■ 67.3180, -9.0308,
3.2291

■ 90.7910, -9.7570,
2.8143


■ 115.0900, -9.9044,
3.4291


■ 140.9760,
-10.3412, 3.5290


■ 167.2750,
-10.4886, 4.1438


■ 194.1610,


-10.9254, 4.2438


 222.1610,
-10.9254, 4.2438


 23.8620, -10.7780,
3.6290


 23.8620, -10.7780,
3.6290


 23.6340, -11.6516,
3.8290

 24.2040, -9.4676,
3.3291

 24.5460, -8.1572,
3.0292

 25.3610, -7.5730,
2.3144

 25.7030, -6.2626,
2.0145

 26.0450, -4.9522,
1.7145

■ 26.3870, -3.6418,
1.4146

■ 27.3160, -2.6208,
0.5999

■ 27.5440, -1.7472,
0.3999

■ 27.8860, -0.4368,
0.1000

Harmonies

Analogous

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



24.4930, -11.0890, 10.0916



23.8620, -10.7780, 3.6290



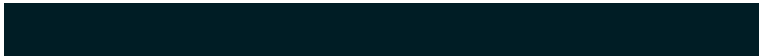
22.9580, -6.3883, -4.3482

Triad

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



23.8620, -10.7780, 3.6290



21.2410, 7.7692, -18.6284



26.2340, 1.8566, 11.1958

Complementary

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



23.8620, -10.7780, 3.6290



6.1380, 10.7780, -3.6290

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.



26.5150, 5.6621, 3.9333



23.8620, -10.7780, 3.6290



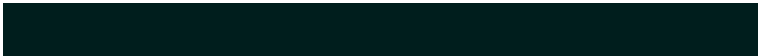
21.5340, 10.0897, -16.2543

Square

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



23.8620, -10.7780, 3.6290



20.9160, 3.9854, -18.3433



25.1440, 8.3100, -5.3883



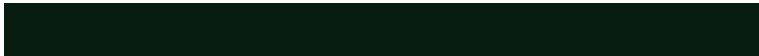
25.5180, -2.2274, 14.4547

Rectangle

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



23.8620, -10.7780, 3.6290



21.3530, -2.1460, -11.7106



25.1440, 8.3100, -5.3883



26.5650, 3.1725, 9.1515

Sweetspot

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



23.8620, -10.7780, 3.6290



34.2730, -4.0786, 1.5146



10.0020, -2.9590, 15.7842



16.7290, -2.3314, 1.1147



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

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



23.8620, -10.7780, 3.6290



30.1350, -14.8566, 5.1436



21.7470, -9.7353, -4.1631



12.7720, -0.8736, 0.2000



64.7000, -31.8971, 10.7871



171.3520, -84.4765, 28.6323

Inverse Universe

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



6.1380, 10.7780, -3.6290



5.8650, 14.8566, -5.1436



8.2530, 9.7353, 4.1631



11.8150, 0.5842, -0.7148



12.3000, 31.8971, -10.7871



32.6480, 84.4765, -28.6323

Previews

White Background



This preview shows how the YUV color 23.8620, -10.7780, 3.6290 looks on a white background.

Color Contrast Check

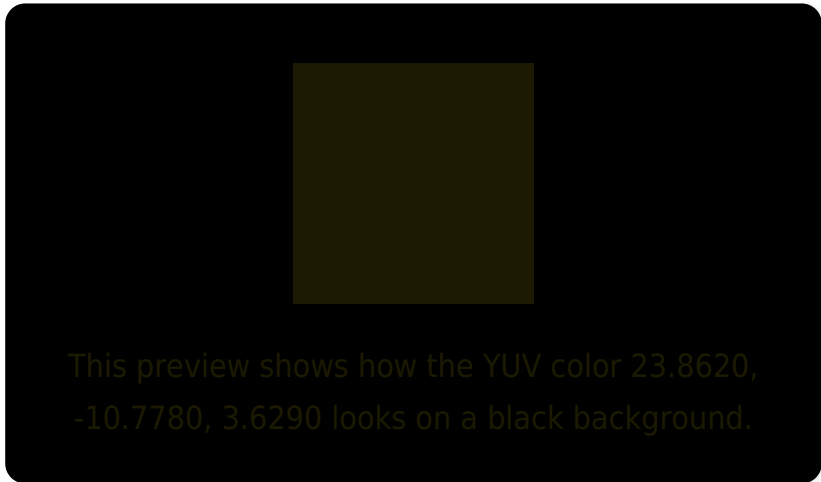
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

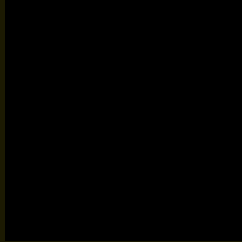
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.8620, -10.7780, 3.6290

Background



This preview shows how black text looks on a background with the YUV color 23.8620, -10.7780, 3.6290.



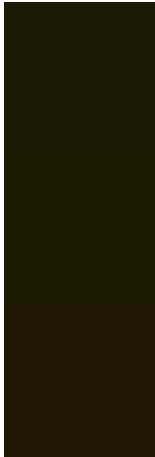
This preview shows how white text looks on a background with the YUV color 23.8620, -10.7780,

3.6290.

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

23.8620, -10.7780, 3.6290

Protanopia

24.1610, -10.9254, 4.2438

Deuteranopia

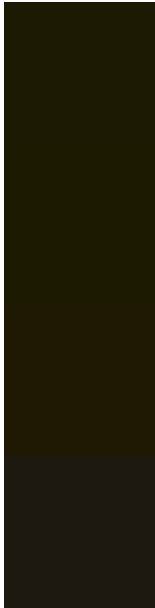
24.1120, -9.9152, 6.9178



Tritanopia

26.0220, -0.0108, 3.4887

Trichromacy



Original Color

23.8620, -10.7780, 3.6290

Protanomaly

24.1610, -10.9254, 4.2438

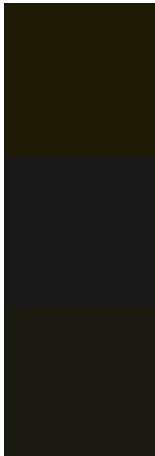
Deuteranomaly

24.2860, -10.4940, 5.8882

Tritanomaly

25.2840, -4.0840, 3.2589

Monochromacy



Original Color

23.8620, -10.7780, 3.6290

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9740, -3.9312, 0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.8620, -10.7780, 3.6290 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(28, 26, 2)` looks like.

```
.text, #text, p{  
    color:rgb(28, 26, 2)  
}
```

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(28, 26, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 26, 2) }
```

Border

The CSS property to change the border of an element to YUV 23.8620, -10.7780, 3.6290 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(28, 26, 2) }
```


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

```
.border{ border-color:rgb(28, 26, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 26, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 26, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 26, 2); box-shadow:4px  
4px 4px 4px rgb(28, 26, 2) }
```

Background

The CSS property to change the background color of an element to YUV 23.8620, -10.7780, 3.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 26, 2) }
```

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

```
.background{ background-color: rgb(28, 26,  
2) }
```

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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