

Converting Colors

YUV(23.2410, -2.0908, 17.3286)

Have a look what the booklet for
YUV(23.2410, -2.0908, 17.3286)
contains.

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Color

**YUV(23.2410, -2.0908,
17.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0E13
RGB	43, 14, 19
RGB Percent	17%, 5%, 7%
CMY	0.8314, 0.9451, 0.9255
CMYK	0.00, 0.67, 0.56, 0.83
HSL	350°, 51%, 11%
HSV	350°, 67%, 17%
XYZ	1.2708, 0.8747, 0.7179
YIQ	23.2410, 15.6790, 7.7030

Conversions

Conversions Part 2

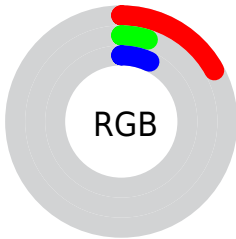
Format	Color
R_YB	43, 14, 19
Decimal	2821651
CIE Lab	7.90, 15.65, 3.35
CIE LCh	8, 16.007, 12.092
Yxy	0.8747, 0.4438, 0.3055
Android (android.graphics.Color)	4281011731 (0xFF2B0E13)
YUV	23.2410, -2.0908, 17.3286
Hunter-Lab	9.3525, 7.8884, 1.9953

Details

The YUV color **23.2410, -2.0908, 17.3286** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **33.7590, 2.0908, -17.3286**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.3230, -3.1172, 19.8877**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.4370, -2.6804, 19.7878**, and if you desaturate by 10%, it is **26.0450, -1.5012, 14.8695**.

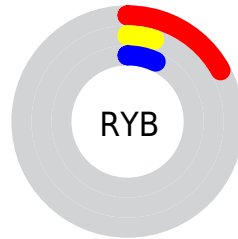
Distribution



Red (17%)

Green (5%)

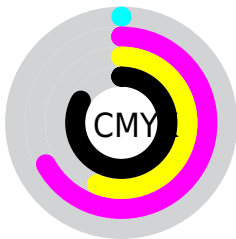
Blue (7%)



Red (17%)

Yellow (5%)

Blue (7%)

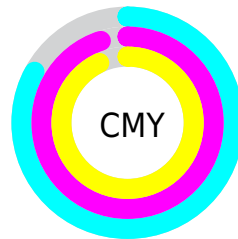


Cyan (0%)

Magenta (67%)

Yellow (56%)

Black (83%)



Cyan (83%)

Magenta (95%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.2410, -2.0908, 17.3286 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 23.2410, -2.0908, 17.3286 by changing the saturation by 10% instead.

■ 23.2410, -2.0908,
17.3286

■ 23.2410, -2.0908,
17.3286

■ 243.6530, -0.3219,
9.9513

■ 4.7840, -2.3585,
9.8364

■ 67.3230, -3.1172,
19.8877

■ 0.0000, 0.0000,
0.0000

■ 90.9210, -3.4121,
21.1173

■ 115.6330, -3.2701,
22.2469

■ 141.2310, -3.5649,
23.4764

■ 167.8290, -3.8597,
24.7060

■ 195.1280, -4.0071,

25.3207

■ 223.4270, -4.1545,
25.9355

■ 23.2410, -2.0908,
17.3286

■ 23.2410, -2.0908,
17.3286

■ 20.4370, -2.6804,
19.7878

■ 26.0450, -1.5012,
14.8695

■ 17.1600, -2.5439,
22.6617

■ 29.3220, -1.6377,
11.9956

■ 14.3560, -3.1335,
25.1208

■ 32.1260, -1.0481,
9.5365

■ 13.6550, -3.2809,
25.7356

■ 34.8160, -0.8953,
7.1774

■ 38.2070, -0.5951,
4.2035

■ 40.8970, -0.4422,
1.8443

■ 43.7010, 0.1474,
-0.6148

■ 46.3910, 0.3002,
-2.9739

■ 49.7820, 0.6005,
-5.9478

Harmonies

Analogous

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



23.8860, 3.0142, 13.2550



23.2410, -2.0908, 17.3286



22.2920, -9.5110, 17.2839

Triad

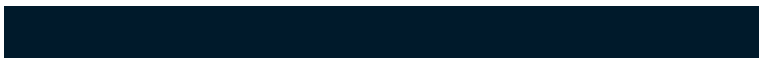
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.2410, -2.0908, 17.3286



20.0350, -9.8773, -5.2927



20.1640, 11.2581, -17.6838

Complementary

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



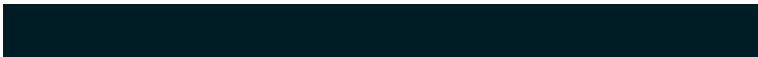
23.2410, -2.0908, 17.3286



33.7590, 2.0908, -17.3286

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.



21.2410, 7.7692, -18.6284



23.2410, -2.0908, 17.3286



18.7330, -1.8404, -16.4288

Square

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



23.2410, -2.0908, 17.3286



22.1610, -10.9254, 4.2438



20.1010, 3.4012, -17.6286



22.1050, 10.7942, -8.8621

Rectangle

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



23.2410, -2.0908, 17.3286



22.5150, -11.0999, 13.5803



20.1010, 3.4012, -17.6286



20.6370, 10.5320, -18.0986

Sweetspot

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



23.2410, -2.0908, 17.3286



48.5170, -0.7479, 6.5626



24.4820, 9.1294, 11.8553



23.2070, -0.5951, 4.2035



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



23.2410, -2.0908, 17.3286



25.2530, -3.5757, 26.9651



27.9540, -6.8793, 13.1953



18.7120, 0.1420, 1.1296



26.8260, -5.8302, 50.1416



67.4920, -15.5256, 126.7335

Inverse Universe

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



23.2410, -2.0908, 17.3286



25.2530, -3.5757, 26.9651



29.0460, 6.8793, -13.1953



18.7120, 0.1420, 1.1296



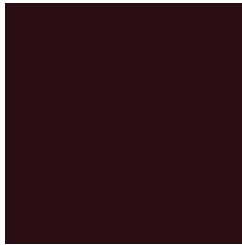
26.8260, -5.8302, 50.1416



67.4920, -15.5256, 126.7335

Previews

White Background



This preview shows how the YUV color 23.2410, -2.0908, 17.3286 looks on a white background.

Color Contrast Check

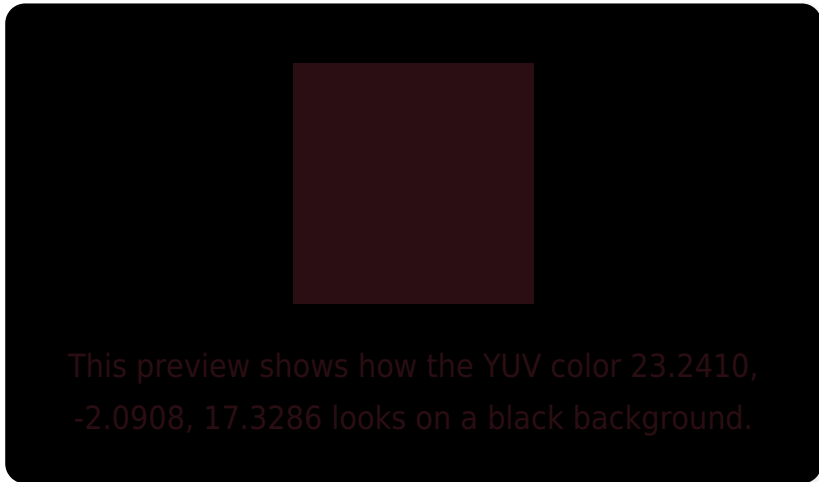
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2410, -2.0908, 17.3286

Background



This preview shows how black text looks on a background with the YUV color 23.2410, -2.0908, 17.3286.

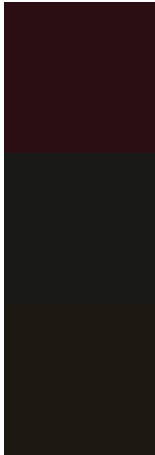


This preview shows how white text looks on a background with the YUV color 23.2410, -2.0908,

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

23.2410, -2.0908, 17.3286

Protanopia

24.8860, -0.4368, 0.1000

Deuteranopia

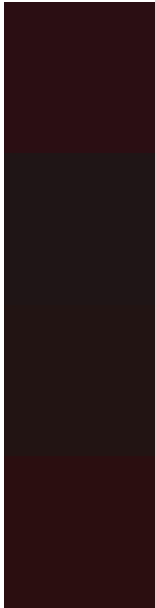
24.8110, -3.3578, 3.6738



Tritanopia

23.3720, -4.1274, 17.2138

Trichromacy



Original Color

23.2410, -2.0908, 17.3286

Protanomaly

24.4030, -1.1847, 6.6626

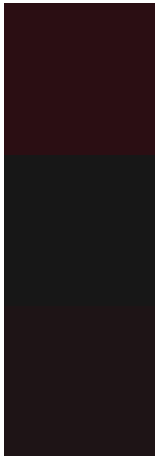
Deuteranomaly

23.9580, -2.9373, 8.8068

Tritanomaly

23.4860, -3.6906, 17.1138

Monochromacy



Original Color

23.2410, -2.0908, 17.3286

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

23.2180, -0.6005, 5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.2410, -2.0908, 17.3286 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(43, 14, 19)` looks like.

```
.text, #text, p{  
    color:rgb(43, 14, 19)  
}
```

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(43, 14, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 14, 19) }
```

Border

The CSS property to change the border of an element to YUV 23.2410, -2.0908, 17.3286 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(43, 14, 19) }
```


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

```
.border{ border-color:rgb(43, 14, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 14, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 14, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 14, 19);  
box-shadow:4px 4px 4px 4px rgb(43, 14, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.2410, -2.0908, 17.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 14, 19) }
```

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

```
.background{ background-color: rgb(43, 14,  
19) }
```

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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