

Converting Colors

YUV(22.4130, 20.5024, 4.0228)

Have a look what the booklet for
YUV(22.4130, 20.5024, 4.0228)
contains.

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Color

**YUV(22.4130, 20.5024,
4.0228)**

Conversions

Conversions Part 1

Format	Color
Hex	1B0C40
RGB	27, 12, 64
RGB Percent	11%, 5%, 25%
CMY	0.8941, 0.9529, 0.7490
CMYK	0.58, 0.81, 0.00, 0.75
HSL	257°, 68%, 15%
HSV	257°, 81%, 25%
XYZ	1.5089, 0.8661, 4.9381
YIQ	22.4130, -7.7520, 19.3520

Conversions

Conversions Part 2

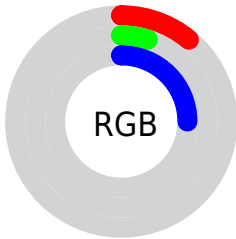
Format	Color
R_{YB}	27, 12, 64
Decimal	1772608
CIE Lab	7.82, 22.98, -30.25
CIE LCh	8, 37.984, 307.219
Yxy	0.8661, 0.2063, 0.1184
Android (android.graphics.Color)	4279962688 (0xFF1B0C40)
YUV	22.4130, 20.5024, 4.0228
Hunter-Lab	9.3066, 12.6539, -24.9452

Details

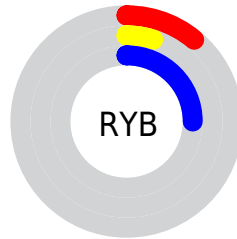
The YUV color **22.4130, 20.5024, 4.0228** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **53.5870, -20.5024, -4.0228**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.4780, 21.9493, 6.5968**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **17.3960, 22.9758, 4.0377**, and if you desaturate by 10%, it is **27.4300, 18.0290, 4.0079**.

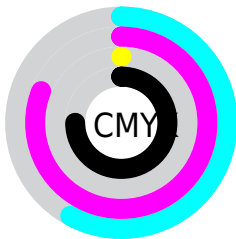
Distribution



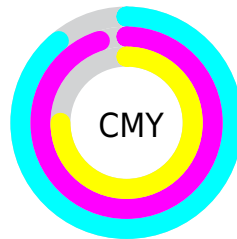
- Red (11%)
- Green (5%)
- Blue (25%)



- Red (11%)
- Yellow (5%)
- Blue (25%)



- Cyan (58%)
- Magenta (81%)
- Yellow (0%)
- Black (75%)



- Cyan (89%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.4130, 20.5024, 4.0228 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 22.4130, 20.5024, 4.0228 by changing the saturation by 10% instead.

■ 22.4130, 20.5024,
4.0228

■ 22.4130, 20.5024,
4.0228

■ 243.8470, 5.4984,
9.7812

■ 4.7880, 18.3455,
-4.1991

■ 67.4780, 21.9493,
6.5968

■ 2.8670, 8.4466,
-2.5144

■ 91.4180, 22.9649,
7.5264

■ 0.0000, 0.0000,
0.0000

■ 116.3580, 23.9805,
8.4560

■ 142.1840, 24.5593,
9.4856

■ 168.7110, 25.2855,
9.9005

■ 196.2380, 26.0117,

10.3153

■ 221.7300, 16.4021,
12.5148

■ 22.4130, 20.5024,
4.0228

■ 22.4130, 20.5024,
4.0228

■ 17.3960, 22.9758,
4.0377

■ 27.4300, 18.0290,
4.0079

■ 12.6780, 25.3017,
4.6674

■ 32.7350, 15.4136,
2.8634

■ 37.7520, 12.9403,
2.8485

■ 43.0570, 10.3249,
1.7040

■ 48.0740, 7.8515,
1.6891

■ 52.7920, 5.5255,
1.0594

■ 58.3960, 2.7628,
0.5297

■ 63.1140, 0.4368,
-0.1000

■ 68.7180, -2.3260,
-0.6297

Harmonies

Analogous

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



23.1110, 25.0883, -20.2683



22.4130, 20.5024, 4.0228



21.6460, 10.5275, 30.1285

Triad

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



22.4130, 20.5024, 4.0228



21.6730, -10.6848, 20.4578



23.8510, 2.5385, -20.9173

Complementary

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



22.4130, 20.5024, 4.0228



53.5870, -20.5024, -4.0228

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.



19.9580, -9.8393, -17.5032



22.4130, 20.5024, 4.0228



21.5630, -10.6306, 3.0142

Square

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



22.4130, 20.5024, 4.0228



17.9400, -8.8444, 36.8866



18.1970, -8.9711, -15.9588



26.5870, 13.0216, -23.3168

Rectangle

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



22.4130, 20.5024, 4.0228



21.9150, 2.5069, 36.0315



18.1970, -8.9711, -15.9588



22.8250, -1.3927, -20.0175

Sweetspot

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



22.4130, 20.5024, 4.0228



68.0740, 7.8515, 1.6891



39.6470, 12.0060, -24.2464



33.2650, 4.7994, 0.6446



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



22.4130, 20.5024, 4.0228



18.2250, 32.4271, 5.9417



30.1870, 16.6698, 20.0070



30.6410, 1.1630, 0.3148



19.4300, 38.2420, 7.5159



44.9710, 88.2613, 17.5654

Inverse Universe

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



31.7660, 8.4964, 28.2692



33.1300, 13.2469, 44.6130



45.8130, -16.6698, -20.0070



31.1250, 0.4314, 1.6444



36.8690, 15.8406, 52.7349



85.2160, 36.8685, 121.7136

Previews

White Background



This preview shows how the YUV color 22.4130, 20.5024, 4.0228 looks on a white background.

Color Contrast Check

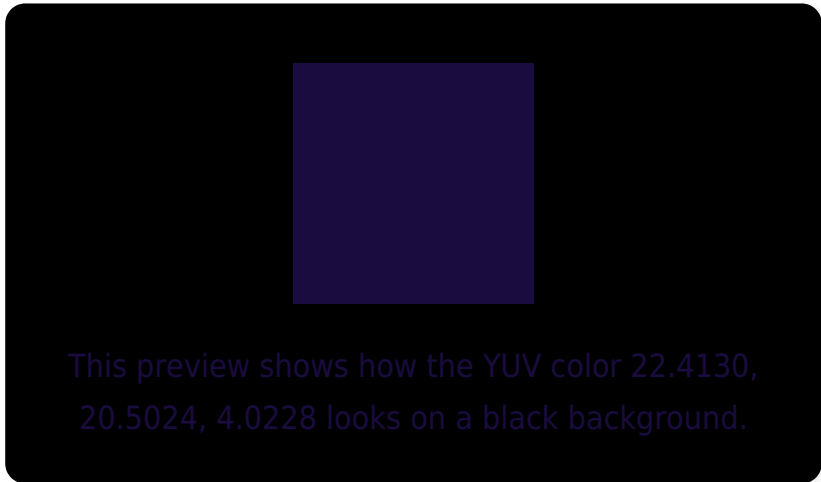
Large Text (above 18pt) WCAG AA ✓ Pass

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

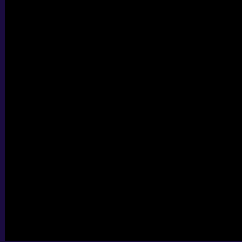
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 22.4130, 20.5024, 4.0228

Background



This preview shows how black text looks on a background with the YUV color 22.4130, 20.5024, 4.0228.



This preview shows how white text looks on a background with the YUV color 22.4130, 20.5024,

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

22.4130, 20.5024, 4.0228

Protanopia

19.7880, 14.8945, -17.3541

Deuteranopia

19.5770, 11.5475, -17.1690



Tritanopia

23.0420, 2.9373, -8.8068

Trichromacy



Original Color

22.4130, 20.5024, 4.0228

Protanomaly

21.0000, 16.7620, -9.6470

Deuteranomaly

20.5440, 15.0148, -9.2471

Tritanomaly

23.0840, 9.3256, -4.4587

Monochromacy



Original Color

22.4130, 20.5024, 4.0228

Achromatopsia

22.0000, 0.0000, 0.0000

Achromatomaly

21.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.4130, 20.5024, 4.0228 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(27, 12, 64)` looks like.

```
.text, #text, p{  
    color:rgb(27, 12, 64)  
}
```

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(27, 12, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 12, 64) }
```

Border

The CSS property to change the border of an element to YUV 22.4130, 20.5024, 4.0228 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(27, 12, 64) }
```


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

```
.border{ border-color:rgb(27, 12, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 12, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 12, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 12, 64);  
box-shadow:4px 4px 4px 4px rgb(27, 12, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 22.4130, 20.5024, 4.0228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 12, 64) }
```

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

```
.background{ background-color: rgb(27, 12,  
64) }
```

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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