

Converting Colors

YUV(31.2820, 22.5390, 4.1377)

Have a look what the booklet for
YUV(31.2820, 22.5390, 4.1377)
contains.

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Color

**YUV(31.2820, 22.5390,
4.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	24144D
RGB	36, 20, 77
RGB Percent	14%, 8%, 30%
CMY	0.8588, 0.9216, 0.6980
CMYK	0.53, 0.74, 0.00, 0.70
HSL	257°, 59%, 19%
HSV	257°, 74%, 30%
XYZ	2.3173, 1.4112, 7.1714
YIQ	31.2820, -8.7610, 21.1190

Conversions

Conversions Part 2

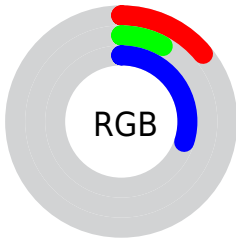
Format	Color
RYB	36, 20, 77
Decimal	2364493
CIELab	12.03, 24.15, -32.44
CIElCh	12, 40.444, 306.673
Yxy	1.4112, 0.2126, 0.1295
Android (android.graphics.Color)	4280554573 (0xFF24144D)
YUV	31.2820, 22.5390, 4.1377
Hunter-Lab	11.8794, 14.0303, -27.4770




Details

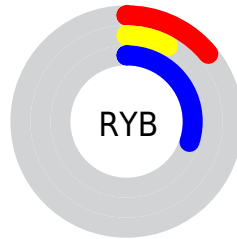
The YUV color **31.2820, 22.5390, 4.1377** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **65.7180, -22.5390, -4.1377**, and the grayscale version is **31.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **77.4610, 24.4227, 6.6117**, and **4.8220, 13.3988, -4.2289** is the 20% darker color. If you saturate the color by 10%, you get **24.7920, 25.7385, 4.5674**, and if you desaturate by 10%, it is **37.7720, 19.3394, 3.7080**.

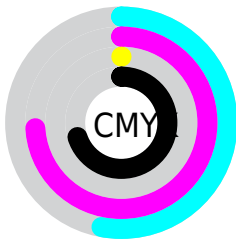
Distribution







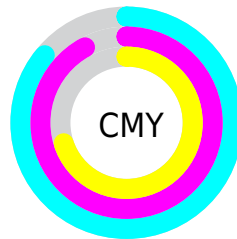
-  Red (14%)
-  Green (8%)
-  Blue (30%)






-  Red (14%)
-  Yellow (8%)
-  Blue (30%)



-  Cyan (53%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (86%)
-  Magenta (92%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.2820, 22.5390, 4.1377 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 31.2820, 22.5390, 4.1377 by changing the saturation by 10% instead.

■ 31.2820, 22.5390,
4.1377

■ 31.2820, 22.5390,
4.1377

■ 250.8910, 2.0257,
3.6036

■ 10.9400, 21.2286,
4.4376

■ 77.4610, 24.4227,
6.6117

■ 4.8220, 13.3988,
-4.2289

■ 101.7000, 25.2909,
8.1561

■ 0.4560, 1.7472,
-0.3999

■ 127.2270, 26.0171,
8.5709

■ 0.0000, 0.0000,
0.0000

■ 153.1670, 27.0327,
9.5005

■ 180.2810, 27.4695,
9.4006

■ 206.9670, 23.6803,

11.4299

■ 232.0740, 11.3025,
14.8441

■ 31.2820, 22.5390,
4.1377

■ 31.2820, 22.5390,
4.1377

■ 24.7920, 25.7385,
4.5674

■ 37.7720, 19.3394,
3.7080

■ 19.1880, 28.5013,
5.0971

■ 43.3760, 16.5766,
3.1782

■ 15.3560, 30.3905,
5.8268

■ 49.8660, 13.3771,
2.7485

■ 56.0570, 10.3249,
1.7040

■ 62.5470, 7.1253,
1.2743

■ 68.1510, 4.3626,
0.7446

■ 74.6410, 1.1630,
0.3148

■ 80.8320, -1.8892,
-0.7297

■ 86.7350, -4.7994,
-0.6446

Harmonies

Analogous

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



29.9900, 28.5989, -26.3012



31.2820, 22.5390, 4.1377



26.4880, 13.5634, 36.4060

Triad

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



31.2820, 22.5390, 4.1377



29.3700, -14.4794, 24.2315



29.4590, 3.7177, -25.8355

Complementary

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



31.2820, 22.5390, 4.1377



65.7180, -22.5390, -4.1377

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.



24.9960, -10.8440, -21.9215



31.2820, 22.5390, 4.1377



29.8360, -14.7091, 4.5288

Square

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



31.2820, 22.5390, 4.1377



21.8270, -10.7607, 44.8787



23.1920, -11.4337, -19.4624



32.6510, 15.9481, -28.6349

Rectangle

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



31.2820, 22.5390, 4.1377



26.8280, 4.5218, 43.1238



23.1920, -11.4337, -19.4624



28.3190, -0.6503, -24.8358

Sweetspot

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



31.2820, 22.5390, 4.1377



82.1880, 8.2883, 1.5891



51.1520, 12.7431, -27.3203



40.3790, 5.2362, 0.5446



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



31.2820, 22.5390, 4.1377



28.5070, 34.7530, 6.5714



39.6540, 18.4116, 21.3514



34.7550, 1.5998, 0.2149



20.2990, 40.2786, 7.6308



45.3560, 91.0295, 16.3508

Inverse Universe

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



41.7170, 9.5065, 30.9432



44.6080, 14.9833, 47.7018



57.3460, -18.4116, -21.3514



35.5380, 0.7208, 2.1592



38.8200, 16.8507, 55.4089



87.5800, 38.1681, 124.9023

Previews

White Background



This preview shows how the YUV color 31.2820, 22.5390, 4.1377 looks on a white background.

Color Contrast Check

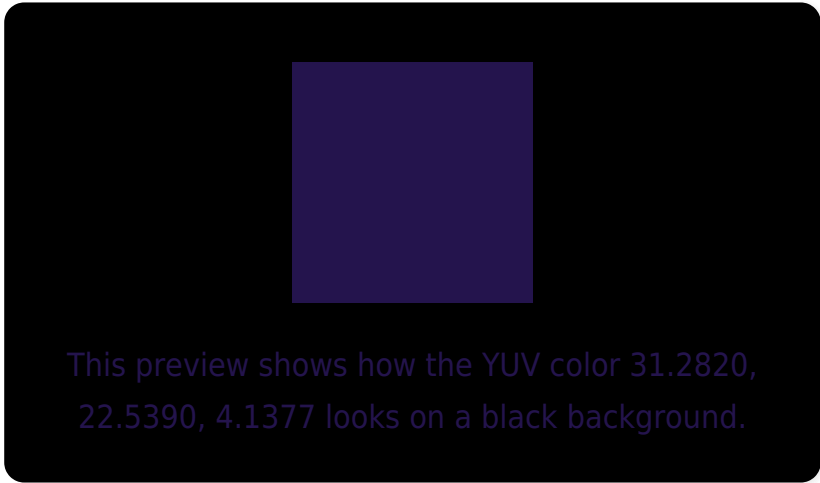
Large Text (above 18pt) WCAG AA ✓ Pass

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

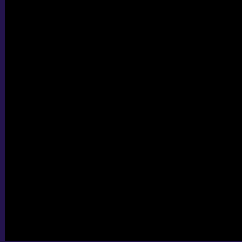
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.2820, 22.5390, 4.1377

Background



This preview shows how black text looks on a background with the YUV color 31.2820, 22.5390, 4.1377.



This preview shows how white text looks on a background with the YUV color 31.2820, 22.5390,

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

31.2820, 22.5390, 4.1377

Deuteranopia

25.8690, 15.3476, -22.6871

Tritanopia

31.0530, 2.9319, -7.0625

Trichromacy



Original Color

31.2820, 22.5390, 4.1377

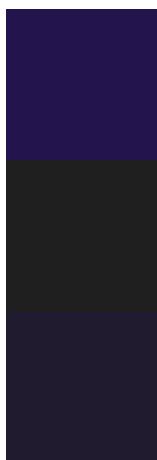
Deuteranomaly

27.6190, 17.9358, -12.8209

Tritanomaly

31.3230, 10.1938, -2.9143

Monochromacy



Original Color

31.2820, 22.5390, 4.1377

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1880, 8.2883, 1.5891

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.2820, 22.5390, 4.1377 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(36, 20, 77)` looks like.

```
.text, #text, p{  
    color:rgb(36, 20, 77)  
}
```

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(36, 20, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 20, 77) }
```

Border

The CSS property to change the border of an element to YUV 31.2820, 22.5390, 4.1377 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(36, 20, 77) }
```

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

```
.border{ border-color:rgb(36, 20, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 20, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 20, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 20, 77);  
box-shadow:4px 4px 4px 4px rgb(36, 20, 77)  
}
```


Background

The CSS property to change the background color of an element to YUV 31.2820, 22.5390, 4.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 20, 77) }
```

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

```
.background{ background-color: rgb(36, 20,  
77) }
```

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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