

Converting Colors

YUV(22.8200, 36.5707,
-16.5051)

Have a look what the booklet for
YUV(22.8200, 36.5707, -16.5051)
contains.

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Color

**YUV(22.8200, 36.5707,
-16.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	041261
RGB	4, 18, 97
RGB Percent	2%, 7%, 38%
CMY	0.9843, 0.9294, 0.6196
CMYK	0.96, 0.81, 0.00, 0.62
HSL	231°, 92%, 20%
HSV	231°, 96%, 38%
XYZ	2.4240, 1.3215, 11.4366
YIQ	22.8200, -33.7030, 21.6010

Conversions

Conversions Part 2

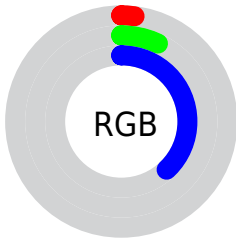
Format	Color
R_{YB}	4, 16, 97
Decimal	266849
CIE _{Lab}	11.42, 28.97, -47.08
CIE _{LCh}	11, 55.277, 301.601
Yxy	1.3215, 0.1597, 0.0870
Android (android.graphics.Color)	4278456929 (0xFF041261)
YUV	22.8200, 36.5707, -16.5051
Hunter-Lab	11.4956, 17.5224, -50.9385

Details

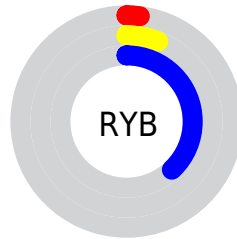
The YUV color **22.8200, 36.5707, -16.5051** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.1800, -36.5707, 16.5051**, and the grayscale version is **22.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.0220, 36.9642, -2.6503**, and **7.9340, 20.2455, -6.9581** is the 20% darker color. If you saturate the color by 10%, you get **19.8630, 38.0285, -17.4199**, and if you desaturate by 10%, it is **30.5060, 32.7815, -14.4758**.

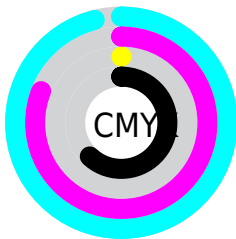
Distribution



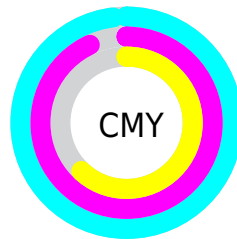
- Red (2%)
- Green (7%)
- Blue (38%)



- Red (2%)
- Yellow (6%)
- Blue (38%)



- Cyan (96%)
- Magenta (81%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (93%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 22.8200, 36.5707, -16.5051 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 22.8200, 36.5707, -16.5051 by changing the saturation by 10% instead.

■ 22.8200, 36.5707,
-16.5051

■ 22.8200, 36.5707,
-16.5051

■ 248.5430, 3.1833,
5.6628

■ 8.3220, 31.8863,
-7.2984

■ 74.0220, 36.9642,
-2.6503

■ 7.9340, 20.2455,
-6.9581

■ 98.6740, 38.1217,
-0.5911

■ 3.6650, 11.5042,
-3.2142

■ 124.6140, 39.1373,
0.3385

■ 0.0000, 0.0000,
0.0000

■ 150.8530, 40.0055,
1.8829

■ 177.6960, 38.1109,
2.8976

■ 202.2160, 26.0225,

6.8266

■ 227.3230, 13.6448,
10.2407

■ 22.8200, 36.5707,
-16.5051

■ 22.8200, 36.5707,
-16.5051

■ 19.8630, 38.0285,
-17.4199

■ 30.5060, 32.7815,
-14.4758

■ 37.8930, 29.1398,
-13.0612

■ 46.1660, 25.0612,
-11.5466

■ 53.8520, 21.2720,
-9.5172

■ 61.5380, 17.4828,
-7.4878

■ 68.9250, 13.8410,
-6.0732

■ 77.1980, 9.7624,
-4.5586

■ 84.8840, 5.9732,
-2.5293

■ 92.2710, 2.3314,
-1.1147

Harmonies

Analogous

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



34.1450, 36.9035, -29.9452



22.8200, 36.5707, -16.5051



29.4650, 18.5048, 38.1802

Triad

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



22.8200, 36.5707, -16.5051



24.4300, -12.0440, 36.4569



29.3620, 0.8075, -25.7505

Complementary

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



22.8200, 36.5707, -16.5051



78.1800, -36.5707, 16.5051

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.



25.2410, -12.4438, -22.1364



22.8200, 36.5707, -16.5051



28.6730, -14.1358, 7.3028

Square

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



22.8200, 36.5707, -16.5051



25.4150, -12.5296, 52.2560



22.8930, -11.2862, -20.0772



34.9820, 17.2639, -30.6792

Rectangle

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



22.8200, 36.5707, -16.5051



30.9150, 5.9579, 49.1865



22.8930, -11.2862, -20.0772



27.8800, -4.8708, -24.4508

Sweetspot

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



22.8200, 36.5707, -16.5051



96.0390, 14.2778, -6.1732



67.3690, 6.7201, -55.5746



45.9700, 8.8888, -4.3587



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



22.8200, 36.5707, -16.5051



25.4030, 49.1013, -22.2784



23.8710, 36.0526, 9.7601



44.4560, 1.7472, -0.3999



22.7470, 44.0017, -19.9491



48.4920, 94.4134, -42.5275

Inverse Universe

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



33.4030, -7.5937, 55.7746



39.5410, -10.1267, 74.9475



77.1290, -36.0526, -9.7601



45.1960, -0.5896, 2.4591



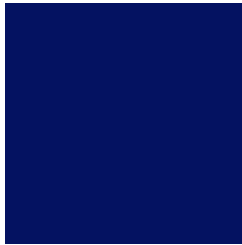
35.4260, -9.0840, 67.1554



75.8640, -19.6530, 143.9473

Previews

White Background



This preview shows how the YUV color 22.8200, 36.5707, -16.5051 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



This preview shows how the YUV color 22.8200, 36.5707, -16.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

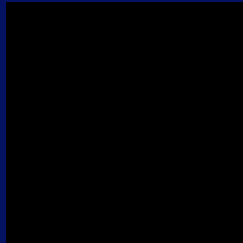
Any Text WCAG AA × Fail

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 22.8200, 36.5707, -16.5051 Background



This preview shows how black text looks on a background with the YUV color 22.8200, 36.5707, -16.5051.



This preview shows how white text looks on a background with the YUV color 22.8200, 36.5707, -16.5051.

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

22.8200, 36.5707, -16.5051

Protanopia

25.7210, 19.8575, -22.5573

Deuteranopia

25.7550, 14.9108, -22.5871



Tritanopia

25.4640, 6.1802, -22.3319

Trichromacy



Original Color

22.8200, 36.5707, -16.5051

Protanomaly

24.3390, 25.9619, -20.4683

Deuteranomaly

24.8290, 22.7623, -20.8980

Tritanomaly

24.0480, 17.2313, -20.2131

Monochromacy



Original Color

22.8200, 36.5707, -16.5051

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.8110, 13.4042, -5.9732

CSS Examples

Text

The CSS property to change the color of the text to YUV 22.8200, 36.5707, -16.5051 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(4, 18, 97)` looks like.

```
.text, #text, p{  
    color:rgb(4, 18, 97)  
}
```

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(4, 18, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 18, 97) }
```

Border

The CSS property to change the border of an element to YUV 22.8200, 36.5707, -16.5051 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(4, 18, 97) }
```


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

```
.border{ border-color:rgb(4, 18, 97) }
```

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

Here you see how a box with a 4 pixel rgb(4, 18, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 18, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 18, 97); box-shadow:4px  
4px 4px 4px rgb(4, 18, 97) }
```

Background

The CSS property to change the background color of an element to YUV 22.8200, 36.5707, -16.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 18, 97) }
```

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

```
.background{ background-color: rgb(4, 18,  
97) }
```

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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