

Converting Colors

YUV(47.0430, 21.6708, 2.5933)

Have a look what the booklet for
YUV(47.0430, 21.6708, 2.5933)
contains.

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Color

**YUV(47.0430, 21.6708,
2.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	32255B
RGB	50, 37, 91
RGB Percent	20%, 15%, 36%
CMY	0.8039, 0.8549, 0.6431
CMYK	0.45, 0.59, 0.00, 0.64
HSL	254°, 42%, 25%
HSV	254°, 59%, 36%
XYZ	3.8653, 2.7566, 10.2259
YIQ	47.0430, -9.5860, 19.5500

Conversions

Conversions Part 2

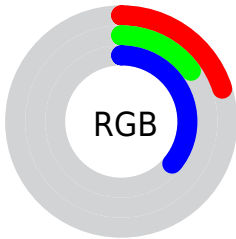
Format	Color
R_{YB}	50, 37, 91
Decimal	3286363
CIE _{Lab}	19.04, 20.90, -30.49
CIE _{LCh}	19, 36.970, 304.430
Yxy	2.7566, 0.2294, 0.1636
Android (android.graphics.Color)	4281476443 (0xFF32255B)
YUV	47.0430, 21.6708, 2.5933
Hunter-Lab	16.6029, 12.5010, -24.8951

Details

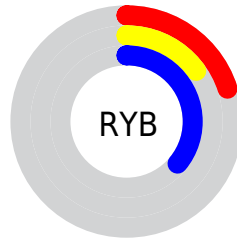
The YUV color **47.0430, 21.6708, 2.5933** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **80.9570, -21.6708, -2.5933**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9230, 23.7020, 4.4525**, and **6.3260, 19.0663, -2.0399** is the 20% darker color. If you saturate the color by 10%, you get **39.6670, 25.3072, 2.9230**, and if you desaturate by 10%, it is **54.4190, 18.0344, 2.2635**.

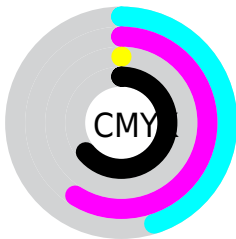
Distribution



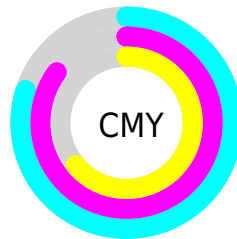
- Red (20%)
- Green (15%)
- Blue (36%)



- Red (20%)
- Yellow (15%)
- Blue (36%)



- Cyan (45%)
- Magenta (59%)
- Yellow (0%)
- Black (64%)



- Cyan (80%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0430, 21.6708, 2.5933 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 47.0430, 21.6708, 2.5933 by changing the saturation by 10% instead.

■ 47.0430, 21.6708,
2.5933

■ 47.0430, 21.6708,
2.5933

■ 255.0000, 0.0000,
0.0000

■ 24.8040, 20.8026,
1.0489

■ 93.9230, 23.7020,
4.4525

■ 6.3260, 19.0663,
-2.0399

■ 119.3360, 23.9914,
4.9673

■ 3.2090, 9.7570,
-2.8143

■ 145.2760, 25.0069,
5.8969

■ 0.0000, 0.0000,
0.0000

■ 171.8030, 25.7331,
6.3118

■ 199.2160, 26.0225,
6.8266

■ 224.3660, 15.1026,

9.3260

246.7820, 4.0515,
7.2072

47.0430, 21.6708,
2.5933

47.0430, 21.6708,
2.5933

39.6670, 25.3072,
2.9230

54.4190, 18.0344,
2.2635

32.2910, 28.9435,
3.2528

61.7950, 14.3981,
1.9338

24.9150, 32.5799,
3.5825

69.1710, 10.7617,
1.6040

17.5390, 36.2163,
3.9123

76.5470, 7.1253,
1.2743

16.9520, 36.5057,
4.4271

84.5100, 3.1996,
0.4297

■ 91.5870, -0.2894,
-0.5148

■ 98.9630, -3.9258,
-0.8446

■ 106.3390, -7.5621,
-1.1743

■ 113.7150,
-11.1985, -1.5041

Harmonies

Analogous

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



39.5760, 29.7890, -34.7082



47.0430, 21.6708, 2.5933



45.1130, 12.2693, 31.4729

Triad

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



47.0430, 21.6708, 2.5933



43.8560, -21.6210, 28.1903



39.7460, 5.0552, -34.8572

Complementary

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



47.0430, 21.6708, 2.5933



80.9570, -21.6708, -2.5933

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.



35.2660, -7.0331, -30.9283



47.0430, 21.6708, 2.5933



43.4470, -21.4194, 10.1320

Square

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



47.0430, 21.6708, 2.5933



41.4630, -12.0603, 41.6899



39.1840, -19.3177, -10.6854



42.7100, 16.4120, -37.4567

Rectangle

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



47.0430, 21.6708, 2.5933



41.0560, 5.3954, 42.9239



39.1840, -19.3177, -10.6854



38.6060, 0.6872, -33.8575

Sweetspot

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



47.0430, 21.6708, 2.5933



99.8890, 8.4357, 0.9743



67.2230, 11.7221, -26.5056



48.3790, 5.2362, 0.5446



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



47.0430, 21.6708, 2.5933



49.4420, 33.3061, 3.9974



55.1160, 17.6908, 19.1923



41.8690, 2.0366, 0.1149



20.3140, 44.2152, 4.9866



44.0610, 95.1189, 11.3475

Inverse Universe

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



57.8200, 9.9487, 29.0989



65.9990, 15.2835, 44.7279



72.8840, -17.6908, -19.1923



42.9510, 1.0102, 2.6740



42.3520, 20.0395, 59.3273



91.3830, 43.6882, 127.7061

Previews

White Background



This preview shows how the YUV color 47.0430, 21.6708, 2.5933 looks on a white background.

Color Contrast Check

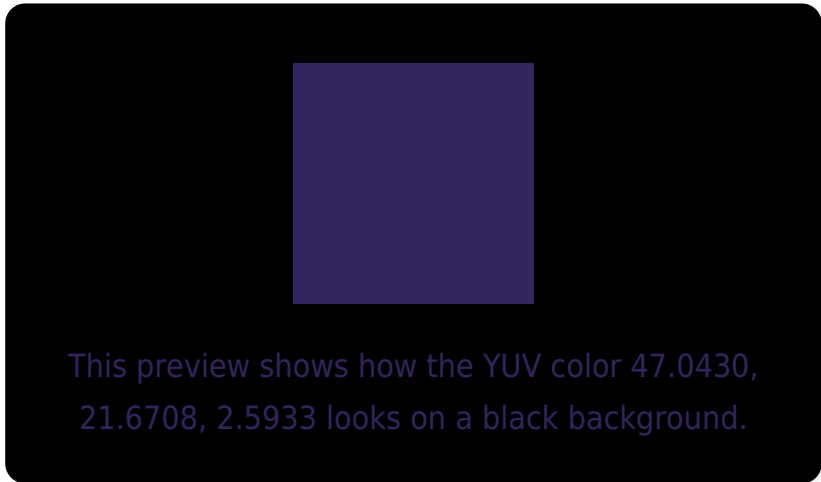
Large Text (above 18pt) WCAG AA ✓ Pass

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

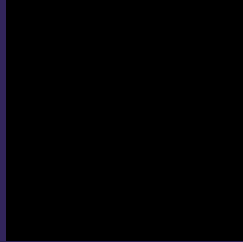
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0430, 21.6708, 2.5933

Background



This preview shows how black text looks on a background with the YUV color 47.0430, 21.6708, 2.5933.



This preview shows how white text looks on a background with the YUV color 47.0430, 21.6708,

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

47.0430, 21.6708, 2.5933

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

37.6380, 22.3635, -33.0085



Tritanopia

46.0640, 2.9264, -5.3181

Trichromacy



Original Color

47.0430, 21.6708, 2.5933

Protanomaly

40.7520, 26.2513, -19.9535

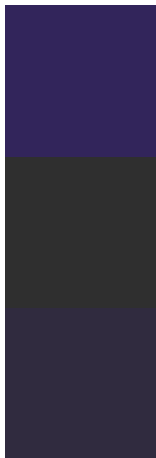
Deuteranomaly

41.0140, 22.1781, -20.1833

Tritanomaly

46.5080, 9.6096, -2.1995

Monochromacy



Original Color

47.0430, 21.6708, 2.5933

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0430, 21.6708, 2.5933 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(50, 37, 91)` looks like.

```
.text, #text, p{  
    color:rgb(50, 37, 91)  
}
```

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(50, 37, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 37, 91) }
```

Border

The CSS property to change the border of an element to YUV 47.0430, 21.6708, 2.5933 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(50, 37, 91) }
```


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

```
.border{ border-color:rgb(50, 37, 91) }
```

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

Here you see how a box with a 4 pixel rgb(50, 37, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 37, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 37, 91);  
box-shadow:4px 4px 4px 4px rgb(50, 37, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0430, 21.6708, 2.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 37, 91) }
```

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

```
.background{ background-color: rgb(50, 37,  
91) }
```

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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