

Converting Colors

YUV(47.7930, -23.0689,
-20.8665)

Have a look what the booklet for
YUV(47.7930, -23.0689, -20.8665)
contains.

YUV(47.7930, -23.0689, -20.8665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(47.7930, -23.0689,
-20.8665)**

Conversions

Conversions Part 1

Format	Color
Hex	184501
RGB	24, 69, 1
RGB Percent	9%, 27%, 0%
CMY	0.9059, 0.7294, 0.9961
CMYK	0.65, 0.00, 0.99, 0.73
HSL	100°, 97%, 14%
HSV	100°, 99%, 27%
XYZ	2.5103, 4.4526, 0.7559
YIQ	47.7930, -4.9920, -30.6880

Conversions

Conversions Part 2

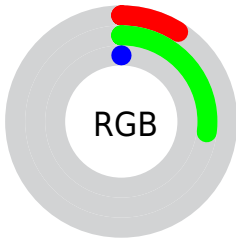
Format	Color
R_{YB}	1, 69, 46
Decimal	1590529
CIE _{Lab}	25.11, -28.32, 32.49
CIE _{LCh}	25, 43.098, 131.074
Yxy	4.4526, 0.3252, 0.5769
Android (android.graphics.Color)	4279780609 (0xFF184501)
YUV	47.7930, -23.0689, -20.8665
Hunter-Lab	21.1012, -15.6921, 12.6471

Details

The YUV color **47.7930, -23.0689, -20.8665** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.2070, 23.0689, 20.8665**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0920, -23.2164, -20.2517**, and **15.2620, -7.5242, -13.3848** is the 20% darker color. If you saturate the color by 10%, you get **47.3800, -23.3583, -21.3813**, and if you desaturate by 10%, it is **50.0860, -20.7484, -18.4924**.

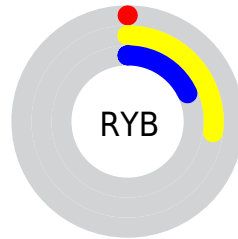
Distribution



Red (9%)

Green (27%)

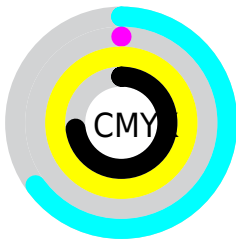
Blue (0%)



Red (0%)

Yellow (27%)

Blue (18%)

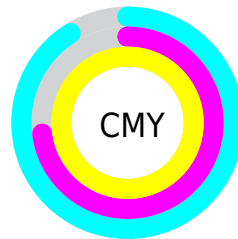


Cyan (65%)

Magenta (0%)

Yellow (99%)

Black (73%)



Cyan (91%)


Magenta (73%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 47.7930, -23.0689, -20.8665 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 47.7930, -23.0689, -20.8665 by changing the saturation by 10% instead.


 47.7930, -23.0689,
-20.8665


 47.7930, -23.0689,
-20.8665


 252.4920, -9.6096,
2.1995


 27.0020, -13.3120,
-23.6808


 97.0920, -23.2164,
-20.2517


 15.2620, -7.5242,
-13.3848

 122.7500,
-24.5267, -19.9518

 0.0000, 0.0000,
0.0000


 148.6360,
-24.9635, -19.8518


 176.1090,
-25.6897, -20.2666


 203.5820,
-26.4159, -20.6814


 232.0550,


-27.1421, -21.0962


 243.9180,
-19.1866, -6.0671


 47.7930, -23.0689,
-20.8665


 47.7930, -23.0689,
-20.8665


 47.3800, -23.3583,
-21.3813

 50.0860, -20.7484,
-18.4924

 52.0800, -18.2804,
-16.7332

 54.3730, -15.9599,
-14.3591

 56.3670, -13.4919,
-12.5999

 58.5460, -11.6082,
-10.1258

■ 60.5400, -9.1402,
-8.3666

■ 62.8330, -6.8197,
-5.9925

■ 65.1260, -4.4991,
-3.6185

■ 67.1200, -2.0312,
-1.8592

Harmonies

Analogous

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



55.2310, -27.2289, 6.8134



47.7930, -23.0689, -20.8665



47.0690, -4.9640, -41.2795

Triad

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



47.7930, -23.0689, -20.8665



54.4110, 33.3214, -47.7184



52.0100, -1.4839, 56.1192

Complementary

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



47.7930, -23.0689, -20.8665



22.2070, 23.0689, 20.8665

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.



56.7770, 11.9419, 43.1686



47.7930, -23.0689, -20.8665



49.3560, 36.7995, -43.2852

Square

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



47.7930, -23.0689, -20.8665



54.4790, 23.4279, -47.7781



61.2660, 23.5329, 12.0447



54.6010, -18.0443, 47.7079

Rectangle

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



47.7930, -23.0689, -20.8665



50.2780, 4.7929, -44.0938



61.2660, 23.5329, 12.0447



52.3780, 3.7576, 54.9195

Sweetspot

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



47.7930, -23.0689, -20.8665



80.8390, -9.2876, -7.7518



47.1600, -22.7569, 19.1537



40.7730, -5.8041, -5.0629



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



47.7930, -23.0689, -20.8665



61.2130, -30.1780, -27.3738



42.0560, -15.3106, -36.0061



34.6470, -1.3050, -1.4444



68.2790, -33.6615, -30.0627



156.2720, -77.0421, -69.5215

Inverse Universe

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



22.2070, 23.0689, 20.8665



27.7870, 30.1780, 27.3738



27.9440, 15.3106, 36.0061



33.0540, 1.4524, 0.8296



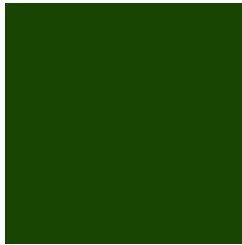
31.0200, 33.5141, 30.6775



70.7280, 77.0421, 69.5215

Previews

White Background



This preview shows how the YUV color 47.7930, -23.0689, -20.8665 looks on a white background.

Color Contrast Check

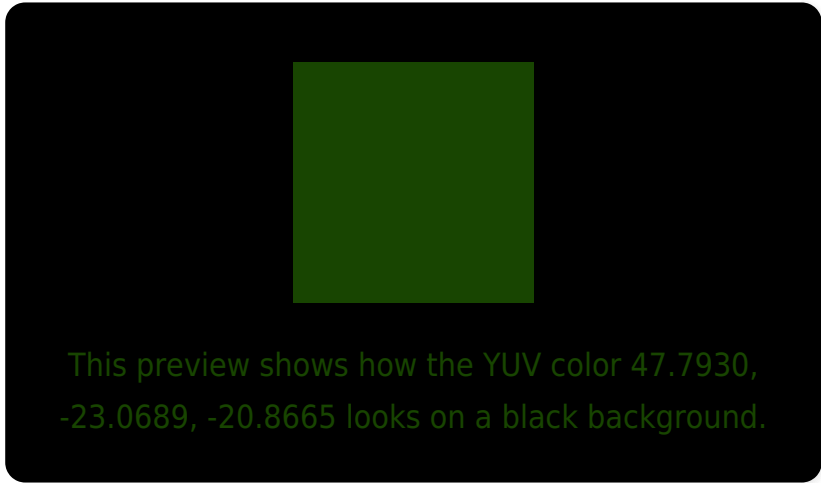
Large Text (above 18pt) WCAG AA ✓ Pass

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

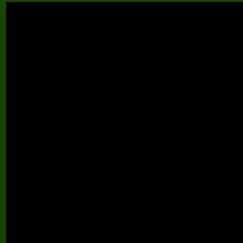
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7930, -23.0689, -20.8665

Background



This preview shows how black text looks on a background with the YUV color 47.7930, -23.0689, -20.8665.



This preview shows how white text looks on a background with the YUV color 47.7930, -23.0689, -20.8665.

-20.8665.

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

47.7930, -23.0689, -20.8665

Protanopia

55.2530, -27.2397, 10.3021

Deuteranopia

57.5940, -20.9988, 15.2651



Tritanopia

56.1980, 6.3114, -17.7136

Trichromacy



Original Color

47.7930, -23.0689, -20.8665

Protanomaly

52.2300, -25.7494, -1.0787

Deuteranomaly

53.6910, -21.5397, 2.0250

Tritanomaly

53.3260, -4.5977, -18.7029

Monochromacy



Original Color

47.7930, -23.0689, -20.8665

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0670, -8.4140, -7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7930, -23.0689, -20.8665 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(24, 69, 1)` looks like.

```
.text, #text, p{  
    color:rgb(24, 69, 1)  
}
```

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(24, 69, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 69, 1) }
```

Border

The CSS property to change the border of an element to YUV 47.7930, -23.0689, -20.8665 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(24, 69, 1) }
```


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

```
.border{ border-color:rgb(24, 69, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 69, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 69, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(24, 69, 1); box-shadow:4px  
4px 4px 4px rgb(24, 69, 1) }
```

Background

The CSS property to change the background color of an element to YUV 47.7930, -23.0689, -20.8665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 69, 1) }
```

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

```
.background{ background-color: rgb(24, 69,  
1) }
```

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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