

Converting Colors

YUV(47.2460, -23.2923, 4.1693)

Have a look what the booklet for
YUV(47.2460, -23.2923, 4.1693)
contains.

YUV(47.2460, -23.2923, 4.1693)	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>	30

Color

**YUV(47.2460, -23.2923,
4.1693)**

Conversions

Conversions Part 1

Format	Color
Hex	343600
RGB	52, 54, 0
RGB Percent	20%, 21%, 0%
CMY	0.7961, 0.7882, 1.0000
CMYK	0.04, 0.00, 1.00, 0.79
HSL	62°, 100%, 11%
HSV	62°, 100%, 21%
XYZ	2.7353, 3.3684, 0.5060
YIQ	47.2460, 16.1420, -17.2180

Conversions

Conversions Part 2

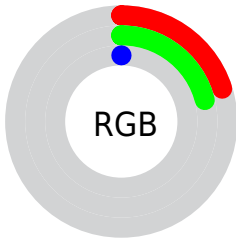
Format	Color
RYB	0, 54, 2
Decimal	3421696
CIELab	21.46, -8.25, 29.77
CIELCh	21, 30.890, 105.496
Yxy	3.3684, 0.4138, 0.5096
Android (android.graphics.Color)	4281611776 (0xFF343600)
YUV	47.2460, -23.2923, 4.1693
Hunter-Lab	18.3532, -5.5146, 11.2126

Details

The YUV color **47.2460, -23.2923, 4.1693** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.7540, 23.2923, -4.1693**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.9580, -23.1503, 5.2988**, and **5.8700, -2.8939, -5.1480** is the 20% darker color. If you saturate the color by 10%, you get **47.2460, -23.2923, 4.1693**, and if you desaturate by 10%, it is **47.8160, -21.1083, 3.6694**.

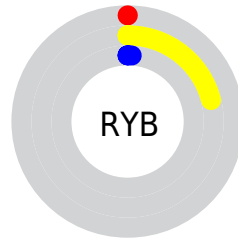
Distribution



Red (20%)

Green (21%)

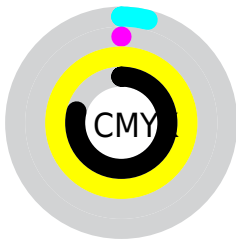
Blue (0%)



Red (0%)

Yellow (21%)

Blue (1%)

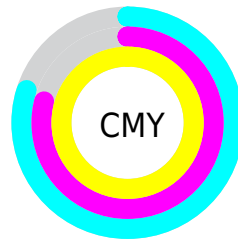


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (80%)


Magenta (79%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 47.2460, -23.2923, 4.1693 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 47.2460, -23.2923, 4.1693 by changing the saturation by 10% instead.


 47.2460, -23.2923,
4.1693


 47.2460, -23.2923,
4.1693

 252.0360,
-11.3567, 2.5994


 28.0420, -13.8247,
0.8402


 93.9580, -23.1503,
5.2988


 5.8700, -2.8939,
-5.1480

 119.1430,
-23.7345, 6.0136

 0.0000, 0.0000,
0.0000

 145.2140,
-24.7555, 6.8283


 171.9860,
-25.6291, 7.0283


 199.1710,
-26.2133, 7.7430


 227.9430,


-27.0869, 7.9430


 248.8440,
-23.5871, 5.3988


 47.2460, -23.2923,
4.1693

 47.8160, -21.1083,
3.6694

 48.5000, -18.4875,
3.0695

 49.3690, -16.4509,
3.1844

 50.0530, -13.8301,
2.5845

 50.6230, -11.6461,
2.0846

■ 51.1930, -9.4621,
1.5847

■ 51.8770, -6.8414,
0.9849

■ 52.7460, -4.8048,
1.0998

■ 53.4300, -2.1840,
0.4999

Harmonies

Analogous

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



48.6440, -23.4885, 20.4832



47.2460, -23.2923, 4.1693



44.0460, -13.3337, -16.7033

Triad

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



47.2460, -23.2923, 4.1693



45.3830, 19.0382, -39.8009



51.5060, 6.1595, 31.1282

Complementary

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



47.2460, -23.2923, 4.1693



6.7540, 23.2923, -4.1693

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.



53.0890, 15.2391, 12.1999



47.2460, -23.2923, 4.1693



44.4030, 25.4373, -38.9414

Square

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



47.2460, -23.2923, 4.1693



43.5760, 9.5760, -38.2162



48.6660, 23.3357, -18.1241



50.0910, -4.4819, 37.6312

Rectangle

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



47.2460, -23.2923, 4.1693



39.4550, -3.6753, -34.6020



48.6660, 23.3357, -18.1241



52.5700, 9.0860, 25.8101

Sweetspot

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



47.2460, -23.2923, 4.1693



68.6060, -9.1728, 2.0995



17.3200, -8.5388, 32.1684



34.2190, -5.5310, 0.6849



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.2460, -23.2923, 4.1693



62.3080, -30.7178, 5.8689



39.1730, -19.3123, -12.4297



27.6580, -1.3104, 0.2999



80.3160, -39.5958, 6.7389



191.6420, -94.4795, 16.9770

Inverse Universe

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



6.7540, 23.2923, -4.1693



8.9910, 30.5704, -5.2541



14.8270, 19.3123, 12.4297



25.3420, 1.3104, -0.2999



11.3850, 39.7432, -7.3536



27.3580, 94.4795, -16.9770

Previews

White Background



This preview shows how the YUV color 47.2460, -23.2923, 4.1693 looks on a white background.

Color Contrast Check

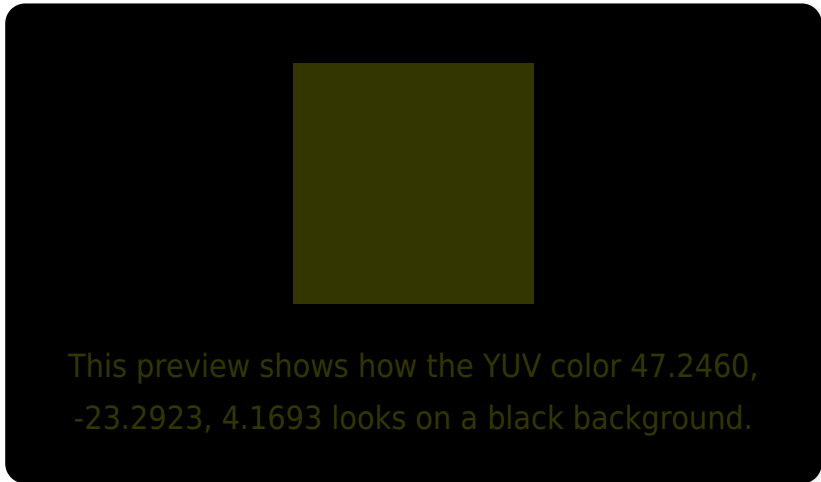
Large Text (above 18pt) WCAG AA ✓ Pass

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

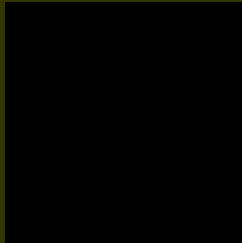
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.2460, -23.2923, 4.1693

Background



This preview shows how black text looks on a background with the YUV color 47.2460, -23.2923, 4.1693.



This preview shows how white text looks on a background with the YUV color 47.2460, -23.2923,

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



Protanopia

47.8660, -23.5979, 8.8875

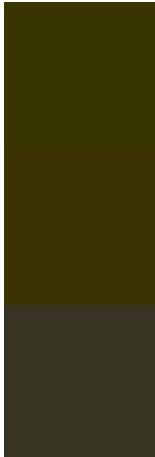
Deuteranopia

49.1100, -20.2672, 13.9355

Tritanopia

52.2500, 0.8628, 3.2888

Trichromacy



Protanomaly

47.8550, -23.5925, 7.1432

Deuteranomaly

48.4470, -21.4194, 10.1320

Tritanomaly

50.2580, -8.0152, 4.1587

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.4210, -8.5886, 1.3848

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.2460, -23.2923, 4.1693 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(52, 54, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 54, 0)  
}
```

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(52, 54, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 54, 0) }
```

Border

The CSS property to change the border of an element to YUV 47.2460, -23.2923, 4.1693 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(52, 54, 0) }
```

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

```
.border{ border-color:rgb(52, 54, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 54, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 54, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(52, 54, 0); box-shadow:4px  
4px 4px 4px rgb(52, 54, 0) }
```


Background

The CSS property to change the background color of an element to YUV 47.2460, -23.2923, 4.1693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 54, 0) }
```

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

```
.background{ background-color: rgb(52, 54,  
0) }
```

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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