

Converting Colors

YUV(42.0260, 44.3572, 6.1162)

Have a look what the booklet for
YUV(42.0260, 44.3572, 6.1162)
contains.

YUV(42.0260, 44.3572, 6.1162)	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(42.0260, 44.3572,
6.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	311584
RGB	49, 21, 132
RGB Percent	19%, 8%, 52%
CMY	0.8078, 0.9176, 0.4824
CMYK	0.63, 0.84, 0.00, 0.48
HSL	255°, 73%, 30%
HSV	255°, 84%, 52%
XYZ	5.6996, 2.8552, 22.0805
YIQ	42.0260, -18.9430, 40.4570

Conversions

Conversions Part 2

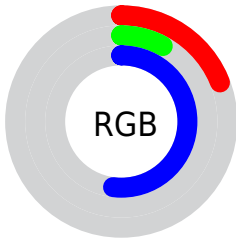
Format	Color
RYB	49, 21, 132
Decimal	3216772
CIELab	19.45, 42.89, -56.37
CIELCh	19, 70.832, 307.262
Yxy	2.8552, 0.1860, 0.0932
Android (android.graphics.Color)	4281406852 (0xFF311584)
YUV	42.0260, 44.3572, 6.1162
Hunter-Lab	16.8975, 30.6389, -65.6481

Details

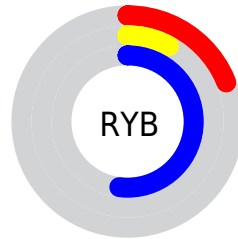
The YUV color **42.0260, 44.3572, 6.1162** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **110.9740, -44.3572, -6.1162**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7000, 45.5039, 11.6641**, and **9.2340, 35.3806, -8.0982** is the 20% darker color. If you saturate the color by 10%, you get **31.4050, 49.5933, 6.6608**, and if you desaturate by 10%, it is **52.6470, 39.1210, 5.5716**.

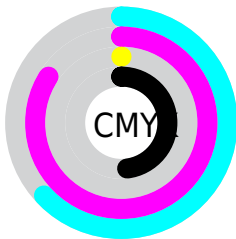
Distribution



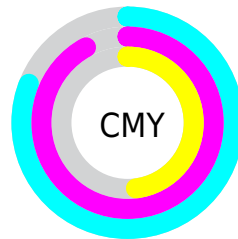
- Red (19%)
- Green (8%)
- Blue (52%)



- Red (19%)
- Yellow (8%)
- Blue (52%)



- Cyan (63%)
- Magenta (84%)
- Yellow (0%)
- Black (48%)



- Cyan (81%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.0260, 44.3572, 6.1162 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 42.0260, 44.3572, 6.1162 by changing the saturation by 10% instead.

■ 42.0260, 44.3572,
6.1162

■ 42.0260, 44.3572,
6.1162

■ 255.0000, 0.0000,
0.0000

■ 15.0740, 44.8265,
-4.4499

■ 93.7000, 45.5039,
11.6641

■ 9.2340, 35.3806,
-8.0982

■ 119.9390, 46.3721,
13.2085

■ 9.4330, 23.4505,
-8.2727

■ 146.2920, 47.6770,
14.6529

■ 5.1640, 14.7091,
-4.5288

■ 172.1800, 40.8303,
17.3821

■ 1.0260, 3.9312,
-0.8998


■ 196.7000, 28.7419,
21.3111


■ 0.0000, 0.0000,
0.0000


■ 221.5190, 16.5061,


25.8548


 239.7380, 7.5242,
13.3848


 42.0260, 44.3572,
6.1162


 42.0260, 44.3572,
6.1162


 31.4050, 49.5933,
6.6608


 52.6470, 39.1210,
5.5716

 24.9150, 52.7929,
7.0905

 63.2680, 33.8849,
5.0270

 74.4760, 28.3593,
3.9675

 84.7980, 23.2706,
2.8082

 95.4190, 18.0344,
2.2635

■ 106.0400, 12.7983,
1.7189

■ 116.6610, 7.5621,
1.1743

■ 127.8690, 2.0366,
0.1149

■ 138.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



48.6670, 51.9292, -42.6810



42.0260, 44.3572, 6.1162



43.8190, 21.7812, 60.6717

Triad

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



42.0260, 44.3572, 6.1162



41.8730, -20.6434, 41.3304



44.8810, 6.9607, -39.3606

Complementary

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



42.0260, 44.3572, 6.1162



110.9740, -44.3572, -6.1162

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.



36.9810, -18.2316, -32.4323



42.0260, 44.3572, 6.1162



43.7020, -21.5451, 3.7693

Square

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



42.0260, 44.3572, 6.1162



35.2820, -17.3940, 72.5437



34.6330, -17.0741, -30.3731



50.6950, 29.2374, -44.4595

Rectangle

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



42.0260, 44.3572, 6.1162



44.1290, 4.8664, 72.6779



34.6330, -17.0741, -30.3731



42.2420, -0.6123, -37.0462

Sweetspot

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



42.0260, 44.3572, 6.1162



136.1910, 17.1608, 2.4635



82.3750, 24.4651, -53.8259



65.7580, 10.4723, 1.0892



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



42.0260, 44.3572, 6.1162



32.3510, 68.3540, 9.3392



58.4710, 36.2498, 39.9289



60.9830, 2.4734, 0.0149



24.6870, 51.9193, 7.2905



0.6410, 1.1630, 0.3148

Inverse Universe

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



63.6510, 19.8921, 59.9421



65.7210, 30.7035, 92.3297



94.5290, -36.2498, -39.9289



62.3640, 1.2995, 3.1888



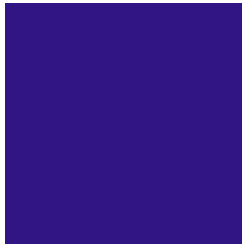
49.9280, 23.2065, 70.2231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 42.0260, 44.3572, 6.1162 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 42.0260, 44.3572, 6.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

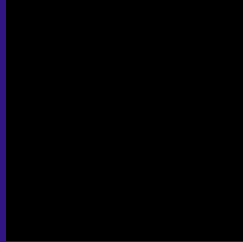
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 42.0260, 44.3572, 6.1162

Background



This preview shows how black text looks on a background with the YUV color 42.0260, 44.3572, 6.1162.



This preview shows how white text looks on a background with the YUV color 42.0260, 44.3572,

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

42.0260, 44.3572, 6.1162

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.9260, 22.2215, -34.1381



Tritanopia

38.3100, 9.7072, -33.5979

Trichromacy



Original Color

42.0260, 44.3572, 6.1162

Protanomaly

40.2280, 34.3976, -19.4940

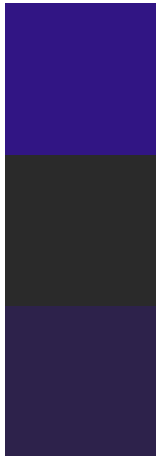
Deuteranomaly

39.7890, 30.1770, -19.1090

Tritanomaly

39.7260, 22.3201, -19.0537

Monochromacy



Original Color

42.0260, 44.3572, 6.1162

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.9630, 16.2872, 2.6634

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.0260, 44.3572, 6.1162 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(49, 21, 132)` looks like.

```
.text, #text, p{  
    color:rgb(49, 21, 132)  
}
```

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(49, 21, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 21, 132) }
```

Border

The CSS property to change the border of an element to YUV 42.0260, 44.3572, 6.1162 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(49, 21, 132) }
```


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

```
.border{ border-color:rgb(49, 21, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 21, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 21, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 21, 132);  
box-shadow:4px 4px 4px 4px rgb(49, 21,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 42.0260, 44.3572, 6.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 21, 132) }
```

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

```
.background{ background-color: rgb(49, 21,  
132) }
```

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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