

Converting Colors

YUV(112.2050, -41.0201,
43.6702)

Have a look what the booklet for
YUV(112.2050, -41.0201, 43.6702)
contains.

YUV(112.2050, -41.0201, 43.6702)	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(112.2050, -41.0201,
43.6702)**

Conversions

Conversions Part 1

Format	Color
Hex	A2671D
RGB	162, 103, 29
RGB Percent	64%, 40%, 11%
CMY	0.3647, 0.5961, 0.8863
CMYK	0.00, 0.36, 0.82, 0.36
HSL	33°, 70%, 37%
HSV	33°, 82%, 64%
XYZ	19.9723, 17.4706, 3.4819
YIQ	112.2050, 58.9180, -10.5060

Conversions

Conversions Part 2

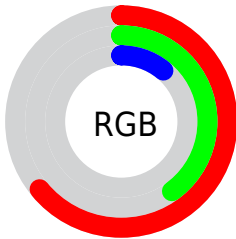
Format	Color
RYB	135, 162, 29
Decimal	10643229
CIELab	48.85, 17.74, 48.32
CIELCh	49, 51.479, 69.839
Yxy	17.4706, 0.4880, 0.4269
Android (android.graphics.Color)	4288833309 (0xFFA2671D)
YUV	112.2050, -41.0201, 43.6702
Hunter-Lab	41.7978, 12.1467, 24.3194

Details

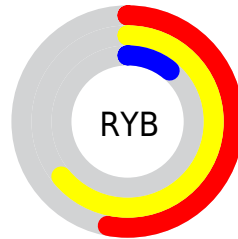
The YUV color **112.2050, -41.0201, 43.6702** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **78.7950, 41.0201, -43.6702**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5970, -42.1993, 48.5884**, and **64.2670, -31.6836, 35.7228** is the 20% darker color. If you saturate the color by 10%, you get **106.2720, -45.9831, 48.8735**, and if you desaturate by 10%, it is **118.1380, -36.0570, 38.4670**.

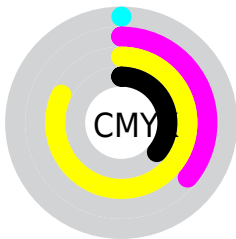
Distribution



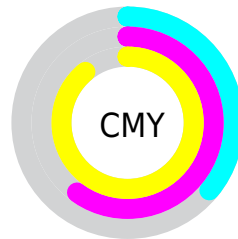
- Red (64%)
- Green (40%)
- Blue (11%)



- Red (53%)
- Yellow (64%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2050, -41.0201, 43.6702 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 112.2050, -41.0201, 43.6702 by changing the saturation by 10% instead.

■ 112.2050,
-41.0201, 43.6702

■ 112.2050,
-41.0201, 43.6702

■ 255.0000, 0.0000,
0.0000

■ 86.1400, -42.4670,
41.0962

■ 165.5970,
-42.1993, 48.5884

■ 64.2670, -31.6836,
35.7228

■ 193.2660,
-43.5151, 50.6327

■ 42.9810, -21.1896,
29.8347

■ 213.8620,
-40.8510, 36.0780

■ 22.8800, -11.2798,
24.6612

■ 233.3760,
-37.1604, 18.9642

■ 7.8880, -3.3958,
15.8842

■ 247.0200,
-30.5759, 6.9985

■ 0.0000, 0.0000,
0.0000

■ 250.3260,

-17.9087, 4.0991

253.5180, -5.6784,
1.2997

112.2050,
-41.0201, 43.6702

112.2050,
-41.0201, 43.6702

106.2720,
-45.9831, 48.8735

118.1380,
-36.0570, 38.4670

101.2680,
-49.9251, 53.2620

124.0710,
-31.0940, 33.2637

130.7050,
-25.9836, 27.4457

136.6380,
-21.0205, 22.2425

142.5710,
-16.0575, 17.0392

■ 148.5040,
-11.0945, 11.8360

■ 154.4370, -6.1314,
6.6328

■ 160.4840, -0.7316,
1.3295

■ 167.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



112.8760, -25.0819, 65.0067



112.2050, -41.0201, 43.6702



109.1660, -45.4378, 13.8864

Triad

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



112.2050, -41.0201, 43.6702



95.2390, 17.1372, -83.5246



119.3510, 31.3790, 15.4782

Complementary

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



112.2050, -41.0201, 43.6702



78.7950, 41.0201, -43.6702

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.



105.7710, 47.4409, -49.7882



112.2050, -41.0201, 43.6702



98.7390, 35.6247, -86.5941

Square

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



112.2050, -41.0201, 43.6702



88.8210, -2.3768, -77.8960



98.2950, 49.1546, -86.2047



117.2390, 14.6722, 54.1644

Rectangle

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



112.2050, -41.0201, 43.6702



106.1290, -36.0526, -9.7601



98.2950, 49.1546, -86.2047



117.9080, 36.5274, -2.5503

Sweetspot

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



112.2050, -41.0201, 43.6702



191.8700, -16.2049, 17.6540



75.6070, 6.6027, 75.7667



95.1340, -9.9261, 10.4065



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



112.2050, -41.0201, 43.6702



133.4690, -64.8142, 68.8717



144.7450, -57.0623, 8.9936



78.6260, -2.7736, 2.9590



90.9020, -44.8147, 47.4439



11.2520, -5.5472, 5.9180

Inverse Universe

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



78.7950, 41.0201, -43.6702



80.5310, 64.8142, -68.8717



46.2550, 57.0623, -8.9936



76.3740, 2.7736, -2.9590



54.0980, 44.8147, -47.4439



6.7480, 5.5472, -5.9180

Previews

White Background



This preview shows how the YUV color 112.2050, -41.0201, 43.6702 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 × Fail

Black Background



This preview shows how the YUV color 112.2050, -41.0201, 43.6702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2050, -41.0201, 43.6702

Background



This preview shows how black text looks on a background with the YUV color 112.2050, -41.0201, 43.6702.



This preview shows how white text looks on a background with the YUV color 112.2050, -41.0201, 43.6702.

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

112.2050, -41.0201, 43.6702

Protanopia

111.6100, -38.7547, 17.0050

Deuteranopia

111.9600, -42.8713, 30.7301



Tritanopia

117.7280, -7.2609, 42.3345

Trichromacy



Original Color

112.2050, -41.0201, 43.6702

Protanomaly

111.8500, -39.3660, 26.4416

Deuteranomaly

111.8080, -42.3033, 35.2484

Tritanomaly

116.1120, -19.7752, 42.8748

Monochromacy



Original Color

112.2050, -41.0201, 43.6702

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2010, -14.8891, 15.6097

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2050, -41.0201, 43.6702 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(162, 103, 29)` looks like.

```
.text, #text, p{  
    color:rgb(162, 103, 29)  
}
```

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(162, 103, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 103, 29) }
```

Border

The CSS property to change the border of an element to YUV 112.2050, -41.0201, 43.6702 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(162, 103, 29) }
```


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

```
.border{ border-color:rgb(162, 103, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 103, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 103, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 103, 29);  
box-shadow:4px 4px 4px 4px rgb(162, 103,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 112.2050, -41.0201, 43.6702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 103, 29) }
```

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

```
.background{ background-color: rgb(162,  
103, 29) }
```

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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