

Converting Colors

YUV(50.0300, 14.7752, 21.0217)

Have a look what the booklet for
YUV(50.0300, 14.7752, 21.0217)
contains.

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Color

**YUV(50.0300, 14.7752,
21.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2050
RGB	74, 32, 80
RGB Percent	29%, 13%, 31%
CMY	0.7098, 0.8745, 0.6863
CMYK	0.07, 0.60, 0.00, 0.69
HSL	292°, 43%, 22%
HSV	292°, 60%, 31%
XYZ	4.7885, 3.0681, 7.9292
YIQ	50.0300, 9.6240, 23.8320

Conversions

Conversions Part 2

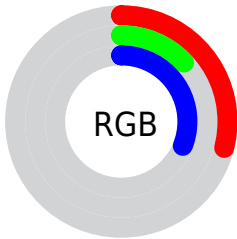
Format	Color
R_{YB}	74, 32, 80
Decimal	4857936
CIE _{Lab}	20.31, 28.14, -20.91
CIE _{LCh}	20, 35.057, 323.387
Yxy	3.0681, 0.3033, 0.1944
Android (android.graphics.Color)	4283048016 (0xFF4A2050)
YUV	50.0300, 14.7752, 21.0217
Hunter-Lab	17.5159, 18.1459, -14.5788

Details

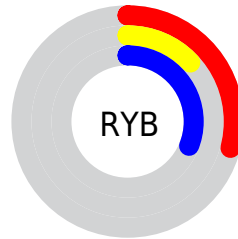
The YUV color **50.0300, 14.7752, 21.0217** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **61.9700, -14.7752, -21.0217**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.2690, 15.6434, 22.5661**, and **13.6720, 11.0077, 16.0737** is the 20% darker color. If you saturate the color by 10%, you get **45.0350, 17.2377, 24.5253**, and if you desaturate by 10%, it is **55.0250, 12.3127, 17.5181**.

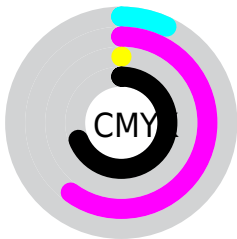
Distribution



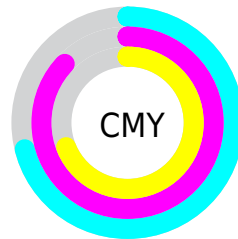
- Red (29%)
- Green (13%)
- Blue (31%)



- Red (29%)
- Yellow (13%)
- Blue (31%)



- Cyan (7%)
- Magenta (60%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (87%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0300, 14.7752, 21.0217 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 50.0300, 14.7752, 21.0217 by changing the saturation by 10% instead.

■ 50.0300, 14.7752,
21.0217

■ 50.0300, 14.7752,
21.0217

■ 255.0000, 0.0000,
0.0000

■ 26.7310, 14.9226,
20.4069

■ 98.2690, 15.6434,
22.5661

■ 13.6720, 11.0077,
16.0737

■ 123.3940, 16.0748,
24.2105

■ 1.1400, 4.3680,
-0.9998

■ 149.8070, 16.3641,
24.7253

■ 0.0000, 0.0000,
0.0000

■ 176.5190, 16.5061,
25.8548

■ 204.0460, 17.2323,
26.2697

■ 228.5850, 13.0226,

23.1660

245.0210, 4.9196,
8.7516

50.0300, 14.7752,
21.0217

50.0300, 14.7752,
21.0217

45.0350, 17.2377,
24.5253

55.0250, 12.3127,
17.5181

40.0400, 19.7003,
28.0289

60.0200, 9.8501,
14.0145

35.0450, 22.1628,
31.5325

65.0150, 7.3876,
10.5108

30.0500, 24.6254,
35.0361

70.0100, 4.9251,
7.0072

75.0050, 2.4625,
3.5036

■ 80.0000, 0.0000,
0.0000

■ 84.9950, -2.4625,
-3.5036

■ 89.9900, -4.9251,
-7.0072

■ 94.9850, -7.3876,
-10.5108

Harmonies

Analogous

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



47.9380, 24.1876, -11.3466



50.0300, 14.7752, 21.0217



45.9200, 4.9694, 39.5352

Triad

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



50.0300, 14.7752, 21.0217



46.7360, -23.0408, 16.8945



43.0860, 12.7756, -37.7864

Complementary

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



50.0300, 14.7752, 21.0217



61.9700, -14.7752, -21.0217

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.



40.0080, 0.9821, -35.0870



50.0300, 14.7752, 21.0217



44.2560, -21.8182, -1.9785

Square

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



50.0300, 14.7752, 21.0217



46.1170, -20.7637, 33.2234



35.8700, -9.7959, -31.4580



44.8930, 22.2378, -39.3712

Rectangle

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



50.0300, 14.7752, 21.0217



44.8790, -2.8983, 43.0791



35.8700, -9.7959, -31.4580



42.6470, 8.5550, -37.4014

Sweetspot

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



50.0300, 14.7752, 21.0217



92.9500, 5.9407, 7.9369



40.9940, 19.2300, -7.8877



46.3580, 3.7675, 4.9480



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



50.0300, 14.7752, 21.0217



57.3980, 23.4678, 32.9770



49.7720, 6.0284, 26.5100



38.3530, 1.3050, 1.4444



39.1790, 32.4498, 45.4470



87.1450, 71.4135, 101.6048

Inverse Universe

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



47.0360, -4.4547, 28.9094



52.8640, -6.8350, 45.7233



62.2280, -6.0284, -26.5100



38.1960, -0.5896, 2.4591



32.8770, -9.7994, 63.2519



72.6740, -21.5313, 139.7289

Previews

White Background



This preview shows how the YUV color 50.0300, 14.7752, 21.0217 looks on a white background.

Color Contrast Check

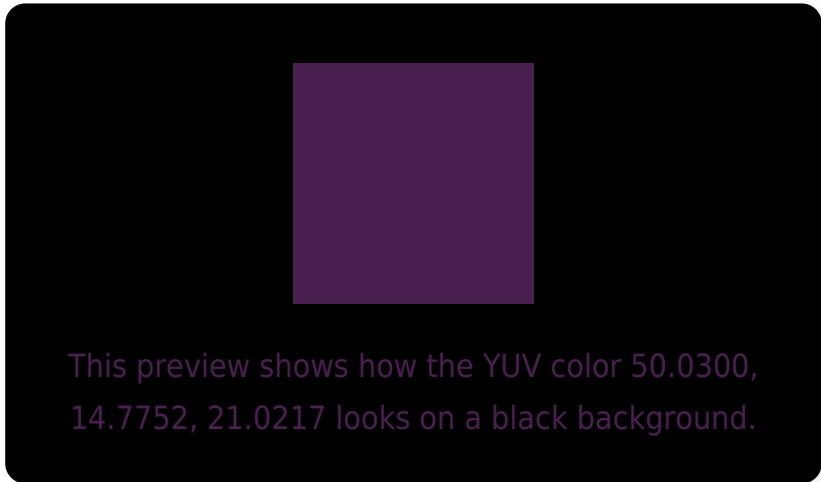
Large Text (above 18pt) WCAG AA ✓ Pass

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

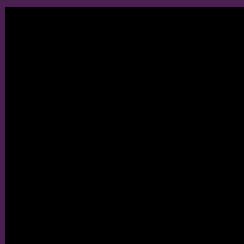
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.0300, 14.7752, 21.0217

Background



This preview shows how black text looks on a background with the YUV color 50.0300, 14.7752, 21.0217.



This preview shows how white text looks on a background with the YUV color 50.0300, 14.7752,

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

50.0300, 14.7752, 21.0217

Protanopia

45.8830, 24.2147, -20.0684

Deuteranopia

48.8920, 13.8572, -11.3063



Tritanopia

50.4150, -2.6696, 16.2990

Trichromacy



Original Color

50.0300, 14.7752, 21.0217

Protanomaly

47.4720, 20.9663, -4.7989

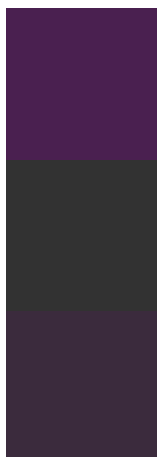
Deuteranomaly

49.0830, 14.2561, 0.8042

Tritanomaly

50.1470, 3.8715, 18.2881

Monochromacy



Original Color

50.0300, 14.7752, 21.0217

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0300, 14.7752, 21.0217 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(74, 32, 80)` looks like.

```
.text, #text, p{  
    color:rgb(74, 32, 80)  
}
```

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(74, 32, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 32, 80) }
```

Border

The CSS property to change the border of an element to YUV 50.0300, 14.7752, 21.0217 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(74, 32, 80) }
```


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

```
.border{ border-color:rgb(74, 32, 80) }
```

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

Here you see how a box with a 4 pixel rgb(74, 32, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 32, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 32, 80);  
box-shadow:4px 4px 4px 4px rgb(74, 32, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.0300, 14.7752, 21.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 32, 80) }
```

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

```
.background{ background-color: rgb(74, 32,  
80) }
```

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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