

Converting Colors

YUV(51.2080, 14.6875, 2.4486)

Have a look what the booklet for
YUV(51.2080, 14.6875, 2.4486)
contains.

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Color

**YUV(51.2080, 14.6875,
2.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	362C51
RGB	54, 44, 81
RGB Percent	21%, 17%, 32%
CMY	0.7882, 0.8275, 0.6824
CMYK	0.33, 0.46, 0.00, 0.68
HSL	256°, 30%, 25%
HSV	256°, 46%, 32%
XYZ	3.9072, 3.1797, 8.1924
YIQ	51.2080, -5.9170, 13.6270

Conversions

Conversions Part 2

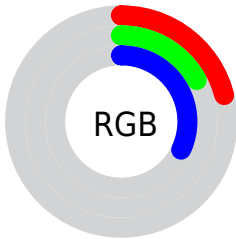
Format	Color
R_{YB}	54, 44, 81
Decimal	3550289
CIE _{Lab}	20.75, 14.16, -21.07
CIE _{LCh}	21, 25.386, 303.898
Yxy	3.1797, 0.2557, 0.2081
Android (android.graphics.Color)	4281740369 (0xFF362C51)
YUV	51.2080, 14.6875, 2.4486
Hunter-Lab	17.8318, 7.9065, -14.7572

Details

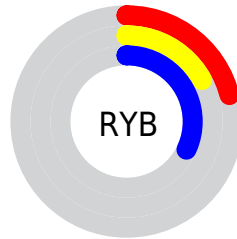
The YUV color **51.2080, 14.6875, 2.4486** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.7920, -14.6875, -2.4486**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.2620, 16.1398, 3.2782**, and **7.9910, 13.8084, 4.3929** is the 20% darker color. If you saturate the color by 10%, you get **44.7180, 17.8870, 2.8783**, and if you desaturate by 10%, it is **57.6980, 11.4879, 2.0189**.

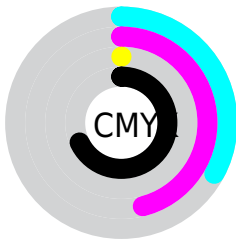
Distribution



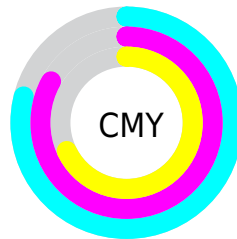
- Red (21%)
- Green (17%)
- Blue (32%)



- Red (21%)
- Yellow (17%)
- Blue (32%)



- Cyan (33%)
- Magenta (46%)
- Yellow (0%)
- Black (68%)



- Cyan (79%)
- Magenta (83%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2080, 14.6875, 2.4486 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 51.2080, 14.6875, 2.4486 by changing the saturation by 10% instead.

■ 51.2080, 14.6875,
2.4486

■ 51.2080, 14.6875,
2.4486

■ 255.0000, 0.0000,
0.0000

■ 29.3820, 14.1087,
1.4190

■ 98.2620, 16.1398,
3.2782

■ 7.9910, 13.8084,
4.3929

■ 122.7890, 16.8660,
3.6930

■ 1.3680, 5.2416,
-1.1997

■ 149.2020, 17.1554,
4.2078

■ 0.0000, 0.0000,
0.0000

■ 175.6150, 17.4448,
4.7226

■ 202.8430, 18.3184,
4.5227

■ 229.6600, 12.4926,

6.4372

252.0650, 1.4470,
2.5740

51.2080, 14.6875,
2.4486

51.2080, 14.6875,
2.4486

44.7180, 17.8870,
2.8783

57.6980, 11.4879,
2.0189

38.2280, 21.0866,
3.3080

64.1880, 8.2883,
1.5891

31.7380, 24.2862,
3.7378

70.6780, 5.0887,
1.1594

25.2480, 27.4857,
4.1675

77.1680, 1.8892,
0.7297

18.1710, 30.9747,
5.1120

84.2450, -1.5998,
-0.2149

■ 15.8120, 32.1377,
5.4269

■ 90.4360, -4.6519,
-1.2594

■ 96.9260, -7.8515,
-1.6891

■ 103.4160,
-11.0511, -2.1188

■ 109.9060,
-14.2507, -2.5486

Harmonies

Analogous

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



44.3400, 21.0314, -25.7312



51.2080, 14.6875, 2.4486



51.7820, 7.5025, 20.3622

Triad

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



51.2080, 14.6875, 2.4486



48.8920, -16.2158, 21.1427



40.5610, 5.6394, -35.5720

Complementary

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



51.2080, 14.6875, 2.4486



73.7920, -14.6875, -2.4486

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.



40.7980, -3.8444, -27.0098



51.2080, 14.6875, 2.4486



47.7180, -19.0880, 9.0173

Square

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



51.2080, 14.6875, 2.4486



49.3690, -9.5489, 29.4944



45.8840, -14.2398, -6.0373



42.6130, 13.5018, -37.3716

Rectangle

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



51.2080, 14.6875, 2.4486



50.7460, 2.0972, 27.4098



45.8840, -14.2398, -6.0373



39.7630, 2.5818, -34.8722

Sweetspot

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



51.2080, 14.6875, 2.4486



92.9060, 5.9623, 0.9594



64.0670, 8.3480, -17.5988



46.0370, 3.9258, 0.8446



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.



51.2080, 14.6875, 2.4486



58.3960, 22.9758, 4.0377



56.5900, 12.0341, 13.5146



37.7550, 1.5998, 0.2149



20.3420, 41.7364, 6.7161



45.2850, 92.0505, 15.5361

Inverse Universe

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



58.1410, 6.3395, 20.0473



69.1300, 9.7959, 31.4580



68.4100, -12.0341, -13.5146



38.5380, 0.7208, 2.1592



40.0590, 17.7189, 56.9533



88.6340, 39.6204, 125.7320

Previews

White Background



This preview shows how the YUV color 51.2080, 14.6875, 2.4486 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 51.2080, 14.6875, 2.4486 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 51.2080, 14.6875, 2.4486

Background



This preview shows how black text looks on a background with the YUV color 51.2080, 14.6875, 2.4486.



This preview shows how white text looks on a background with the YUV color 51.2080, 14.6875,

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

51.2080, 14.6875, 2.4486

Protanopia

48.7330, 18.3726, -12.9208

Deuteranopia

48.3370, 15.6099, -13.4505



Tritanopia

49.8580, 2.0420, -1.6295

Trichromacy



Original Color

51.2080, 14.6875, 2.4486

Protanomaly

49.4240, 17.0460, -7.3878

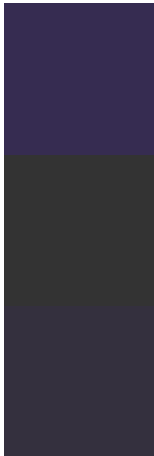
Deuteranomaly

49.5550, 15.0094, -7.5027

Tritanomaly

50.4220, 6.6940, -0.3701

Monochromacy



Original Color

51.2080, 14.6875, 2.4486

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2080, 14.6875, 2.4486 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(54, 44, 81)` looks like.

```
.text, #text, p{  
    color:rgb(54, 44, 81)  
}
```

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(54, 44, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 44, 81) }
```

Border

The CSS property to change the border of an element to YUV 51.2080, 14.6875, 2.4486 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(54, 44, 81) }
```


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

```
.border{ border-color:rgb(54, 44, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 44, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 44, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 44, 81);  
box-shadow:4px 4px 4px 4px rgb(54, 44, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2080, 14.6875, 2.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 44, 81) }
```

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

```
.background{ background-color: rgb(54, 44,  
81) }
```

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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