

Converting Colors

YUV(50.9380, 24.1876,
-11.3466)

Have a look what the booklet for
YUV(50.9380, 24.1876, -11.3466)
contains.

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Color

**YUV(50.9380, 24.1876,
-11.3466)**

Conversions

Conversions Part 1

Format	Color
Hex	263064
RGB	38, 48, 100
RGB Percent	15%, 19%, 39%
CMY	0.8510, 0.8118, 0.6078
CMYK	0.62, 0.52, 0.00, 0.61
HSL	230°, 45%, 27%
HSV	230°, 62%, 39%
XYZ	4.1565, 3.4461, 12.5027
YIQ	50.9380, -22.6520, 14.0520

Conversions

Conversions Part 2

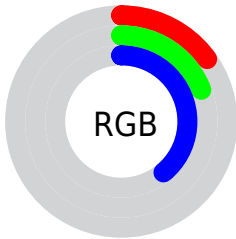
Format	Color
R_{YB}	38, 47, 100
Decimal	2502756
CIE _{Lab}	21.75, 13.45, -32.13
CIE _{LCh}	22, 34.828, 292.715
Yxy	3.4461, 0.2067, 0.1714
Android (android.graphics.Color)	4280692836 (0xFF263064)
YUV	50.9380, 24.1876, -11.3466
Hunter-Lab	18.5636, 7.4812, -26.9376

Details

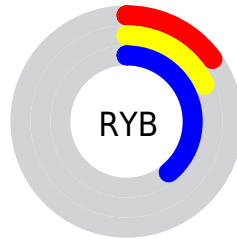
The YUV color **50.9380, 24.1876, -11.3466** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.0620, -24.1876, 11.3466**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.0030, 25.6345, -8.7726**, and **6.0420, 23.1503, -5.2988** is the 20% darker color. If you saturate the color by 10%, you get **43.2520, 27.9768, -13.3760**, and if you desaturate by 10%, it is **58.6240, 20.3984, -9.3172**.

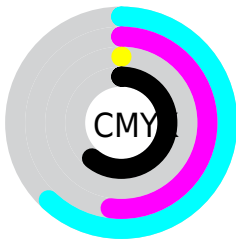
Distribution



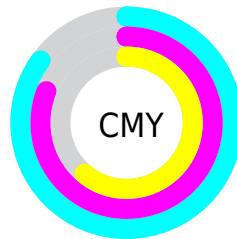
- Red (15%)
- Green (19%)
- Blue (39%)



- Red (15%)
- Yellow (18%)
- Blue (39%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (61%)



- Cyan (85%)
- Magenta (81%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.9380, 24.1876, -11.3466 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 50.9380, 24.1876, -11.3466 by changing the saturation by 10% instead.

■ 50.9380, 24.1876,
-11.3466

■ 50.9380, 24.1876,
-11.3466

■ 255.0000, 0.0000,
0.0000

■ 26.9050, 24.2038,
-16.5797

■ 99.0030, 25.6345,
-8.7726

■ 6.0420, 23.1503,
-5.2988

■ 123.9430, 26.6501,
-7.8430

■ 4.7080, 12.9620,
-4.1289

■ 150.4700, 27.3763,
-7.4282

■ 0.2280, 0.8736,
-0.2000

■ 176.9970, 28.1025,
-7.0134

■ 0.0000, 0.0000,
0.0000

■ 204.1990, 25.0449,
-6.3135

■ 229.0070, 12.8145,

-3.5141

254.1140, 0.4368,
-0.1000

■ 50.9380, 24.1876,
-11.3466

■ 50.9380, 24.1876,
-11.3466

■ 43.2520, 27.9768,
-13.3760

■ 58.6240, 20.3984,
-9.3172

■ 34.9790, 32.0554,
-14.8906

■ 66.8970, 16.3198,
-7.8027

■ 27.2930, 35.8446,
-16.9200

■ 74.5830, 12.5306,
-5.7733

■ 20.7920, 39.0495,
-18.2346

■ 82.8560, 8.4520,
-4.2587

■ 90.5420, 4.6628,
-2.2293

■ 98.2280, 0.8736,
-0.2000

■ 106.5010, -3.2050,
1.3146

■ 114.1870, -6.9942,
3.3440

■ 121.8730,
-10.7834, 5.3734

Harmonies

Analogous

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



45.2010, 28.4949, -39.6413



50.9380, 24.1876, -11.3466



53.7310, 14.9226, 20.4069

Triad

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



50.9380, 24.1876, -11.3466



49.6440, -20.0375, 33.6382



42.1110, 1.4243, -36.9313

Complementary

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



50.9380, 24.1876, -11.3466



87.0620, -24.1876, 11.3466

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.



39.6530, -10.6749, -29.5137



50.9380, 24.1876, -11.3466



49.6930, -24.4986, 17.8092

Square

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



50.9380, 24.1876, -11.3466



48.7280, -7.2609, 42.3345



47.2130, -23.2760, -1.0638



45.6620, 12.4916, -40.0456

Rectangle

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



50.9380, 24.1876, -11.3466



51.0980, 8.3327, 34.1171



47.2130, -23.2760, -1.0638



41.0850, -2.5069, -36.0315

Sweetspot

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



50.9380, 24.1876, -11.3466



110.1980, 9.7624, -4.5586



80.3220, 4.7713, -37.1164



54.4710, 5.6838, -3.0441



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



50.9380, 24.1876, -11.3466



53.7490, 37.5917, -17.3199



51.3470, 23.9859, 6.7117



47.1570, 1.8946, -1.0147



24.2630, 44.7333, -21.2787



50.4810, 94.4189, -44.2718

Inverse Universe

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



57.6780, -4.7713, 37.1164



64.4140, -7.5991, 57.5189



86.6530, -23.9859, -6.7117



47.6090, -0.3002, 2.9739



36.5510, -8.6526, 68.7998



76.8040, -18.6374, 144.8769

Previews

White Background



This preview shows how the YUV color 50.9380, 24.1876, -11.3466 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 50.9380, 24.1876, -11.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

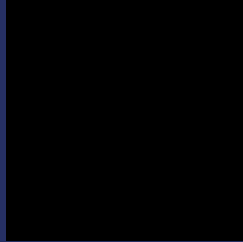
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.9380, 24.1876, -11.3466

Background



This preview shows how black text looks on a background with the YUV color 50.9380, 24.1876, -11.3466.



This preview shows how white text looks on a background with the YUV color 50.9380, 24.1876, -11.3466.

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

50.9380, 24.1876, -11.3466

Protanopia

47.0720, 27.5725, -23.7421

Deuteranopia

41.7130, 25.2845, -36.5823



Tritanopia

45.9090, 7.9329, -24.4762

Trichromacy



Original Color

50.9380, 24.1876, -11.3466

Protanomaly

48.4640, 26.3932, -18.8239

Deuteranomaly

45.0670, 25.1100, -27.2458

Tritanomaly

47.8370, 13.8844, -20.0280

Monochromacy



Original Color

50.9380, 24.1876, -11.3466

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9700, 8.8888, -4.3587

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.9380, 24.1876, -11.3466 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(38, 48, 100)` looks like.

```
.text, #text, p{  
    color:rgb(38, 48, 100)  
}
```

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(38, 48, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 48, 100) }
```

Border

The CSS property to change the border of an element to YUV 50.9380, 24.1876, -11.3466 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(38, 48, 100) }
```


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

```
.border{ border-color:rgb(38, 48, 100) }
```

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

Here you see how a box with a 4 pixel rgb(38, 48, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 48, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 48, 100);  
box-shadow:4px 4px 4px 4px rgb(38, 48,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 50.9380, 24.1876, -11.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 48, 100) }
```

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

```
.background{ background-color: rgb(38, 48,  
100) }
```

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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