

Converting Colors

YUV(43.4520, 31.3292,
-15.3054)

Have a look what the booklet for
YUV(43.4520, 31.3292, -15.3054)
contains.

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Color

**YUV(43.4520, 31.3292,
-15.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	1A286B
RGB	26, 40, 107
RGB Percent	10%, 16%, 42%
CMY	0.8980, 0.8431, 0.5804
CMYK	0.76, 0.63, 0.00, 0.58
HSL	230°, 61%, 26%
HSV	230°, 76%, 42%
XYZ	3.8386, 2.7987, 14.2478
YIQ	43.4520, -29.8510, 17.8690

Conversions

Conversions Part 2

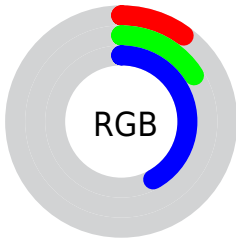
Format	Color
R_{YB}	26, 38, 107
Decimal	1714283
CIE _{Lab}	19.22, 19.74, -40.81
CIE _{LCh}	19, 45.338, 295.811
Yxy	2.7987, 0.1838, 0.1340
Android (android.graphics.Color)	4279904363 (0xFF1A286B)
YUV	43.4520, 31.3292, -15.3054
Hunter-Lab	16.7294, 11.6811, -38.7845

Details

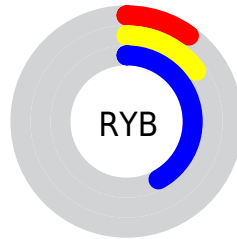
The YUV color **43.4520, 31.3292, -15.3054** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **89.5480, -31.3292, 15.3054**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.5390, 32.7653, -9.2427**, and **6.7260, 25.7711, -5.8987** is the 20% darker color. If you saturate the color by 10%, you get **34.8800, 35.5552, -17.4348**, and if you desaturate by 10%, it is **52.0240, 27.1032, -13.1760**.

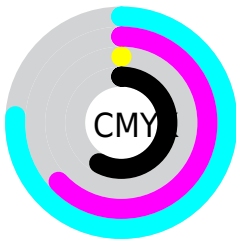
Distribution



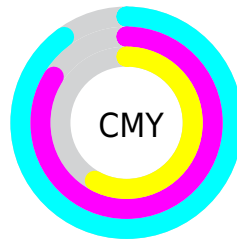
- Red (10%)
- Green (16%)
- Blue (42%)



- Red (10%)
- Yellow (15%)
- Blue (42%)



- Cyan (76%)
- Magenta (63%)
- Yellow (0%)
- Black (58%)



- Cyan (90%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4520, 31.3292, -15.3054 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 43.4520, 31.3292, -15.3054 by changing the saturation by 10% instead.

■ 43.4520, 31.3292,
-15.3054

■ 43.4520, 31.3292,
-15.3054

■ 255.0000, 0.0000,
0.0000

■ 21.0880, 30.0296,
-18.4942

■ 92.5390, 32.7653,
-9.2427

■ 6.7260, 25.7711,
-5.8987

■ 117.7780, 33.6334,
-7.6983

■ 5.2780, 15.1459,
-4.6288

■ 143.7180, 34.6490,
-6.7687

■ 1.3680, 5.2416,
-1.1997

■ 170.6580, 35.6646,
-5.8391

■ 0.0000, 0.0000,
0.0000

■ 196.2470, 28.9652,
-3.7246

■ 221.3540, 16.5875,

-0.3105

247.0480, 3.9203,
2.5889

43.4520, 31.3292,
-15.3054

43.4520, 31.3292,
-15.3054

34.8800, 35.5552,
-17.4348

52.0240, 27.1032,
-13.1760

26.6070, 39.6337,
-18.9493

60.2970, 23.0246,
-11.6615

22.7640, 41.5283,
-19.9640

68.8690, 18.7986,
-9.5321

76.8540, 14.8620,
-6.8880

85.4260, 10.6360,
-4.7586

■ 93.6990, 6.5574,
-3.2440

■ 102.2710, 2.3314,
-1.1147

■ 110.8430, -1.8946,
1.0147

■ 119.1160, -5.9732,
2.5293

Harmonies

Analogous

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



44.1070, 34.4572, -38.6818



43.4520, 31.3292, -15.3054



44.0620, 19.6894, 31.5176

Triad

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



43.4520, 31.3292, -15.3054



42.4490, -20.9274, 39.0712



39.8940, 0.5453, -34.9870

Complementary

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



43.4520, 31.3292, -15.3054



89.5480, -31.3292, 15.3054

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.



34.2740, -15.9111, -30.0583



43.4520, 31.3292, -15.3054



44.6650, -22.0198, 16.0798

Square

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



43.4520, 31.3292, -15.3054



32.7670, -6.2941, 58.9633



40.3800, -19.9073, -8.2263



43.7700, 15.3964, -38.3863

Rectangle

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



43.4520, 31.3292, -15.3054



36.0000, 13.8040, 52.6200



40.3800, -19.9073, -8.2263



37.9390, -4.4069, -33.2725

Sweetspot

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



43.4520, 31.3292, -15.3054



115.1700, 12.2412, -6.2881



81.0710, 5.3880, -48.2973



55.6280, 7.5784, -4.0588



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



43.4520, 31.3292, -15.3054



40.3920, 49.1067, -24.0228



43.0080, 31.5481, 7.8860



49.2710, 2.3314, -1.1147



25.0780, 45.3175, -21.9934



52.5840, 94.8611, -46.1162

Inverse Universe

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



51.8150, -5.8248, 48.3972



53.4810, -9.1111, 75.8772



89.9920, -31.5481, -7.8860



49.9080, -0.4476, 3.5887



37.2630, -8.5107, 69.9293



78.0430, -17.7692, 146.4213

Previews

White Background



This preview shows how the YUV color 43.4520, 31.3292, -15.3054 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 43.4520, 31.3292, -15.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

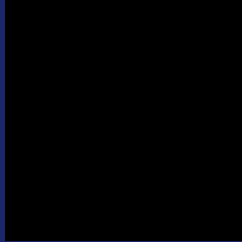
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4520, 31.3292, -15.3054

Background



This preview shows how black text looks on a background with the YUV color 43.4520, 31.3292, -15.3054.



This preview shows how white text looks on a background with the YUV color 43.4520, 31.3292,

-15.3054.

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

43.4520, 31.3292, -15.3054

Protanopia

37.3590, 28.9100, -32.7638

Deuteranopia

37.5240, 21.9267, -32.9085



Tritanopia

36.9080, 9.4124, -32.3683

Trichromacy



Original Color

43.4520, 31.3292, -15.3054

Protanomaly

39.3320, 29.9093, -26.6012

Deuteranomaly

39.4800, 25.3994, -26.7310

Tritanomaly

39.4170, 17.5424, -26.6757

Monochromacy



Original Color

43.4520, 31.3292, -15.3054

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2410, 11.2202, -5.4734

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4520, 31.3292, -15.3054 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(26, 40, 107)` looks like.

```
.text, #text, p{  
    color:rgb(26, 40, 107)  
}
```

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(26, 40, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 40, 107) }
```

Border

The CSS property to change the border of an element to YUV 43.4520, 31.3292, -15.3054 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(26, 40, 107) }
```


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

```
.border{ border-color:rgb(26, 40, 107) }
```

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

Here you see how a box with a 4 pixel rgb(26, 40, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 40, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 40, 107);  
box-shadow:4px 4px 4px 4px rgb(26, 40,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 43.4520, 31.3292, -15.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 40, 107) }
```

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

```
.background{ background-color: rgb(26, 40,  
107) }
```

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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