

Converting Colors

YUV(49.4450, 15.0636,
-24.9463)

Have a look what the booklet for
YUV(49.4450, 15.0636, -24.9463)
contains.

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Color

**YUV(49.4450, 15.0636,
-24.9463)**

Conversions

Conversions Part 1

Format	Color
Hex	153A50
RGB	21, 58, 80
RGB Percent	8%, 23%, 31%
CMY	0.9176, 0.7725, 0.6863
CMYK	0.74, 0.28, 0.00, 0.69
HSL	202°, 58%, 20%
HSV	202°, 74%, 31%
XYZ	3.2703, 3.7647, 8.1437
YIQ	49.4450, -29.1140, -1.0020

Conversions

Conversions Part 2

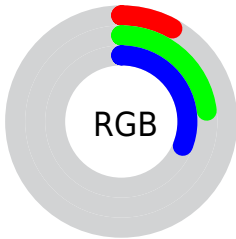
Format	Color
R_YB	21, 44, 80
Decimal	1391184
CIE _{Lab}	22.88, -4.95, -17.23
CIE _{LCh}	23, 17.932, 253.967
Yxy	3.7647, 0.2155, 0.2480
Android (android.graphics.Color)	4279581264 (0xFF153A50)
YUV	49.4450, 15.0636, -24.9463
Hunter-Lab	19.4029, -3.8696, -11.3029

Details

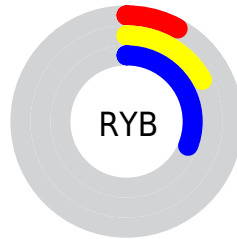
The YUV color **49.4450, 15.0636, -24.9463** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **51.5550, -15.0636, 24.9463**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8690, 15.3476, -22.6871**, and **12.7950, 10.9471, -11.2212** is the 20% darker color. If you saturate the color by 10%, you get **45.2920, 17.1110, -28.3201**, and if you desaturate by 10%, it is **53.5980, 13.0162, -21.5724**.

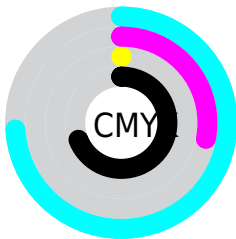
Distribution



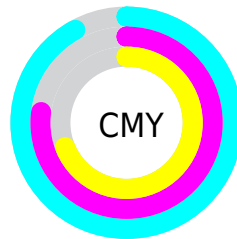
- Red (8%)
- Green (23%)
- Blue (31%)



- Red (8%)
- Yellow (17%)
- Blue (31%)



- Cyan (74%)
- Magenta (28%)
- Yellow (0%)
- Black (69%)



- Cyan (92%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.4450, 15.0636, -24.9463 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 49.4450, 15.0636, -24.9463 by changing the saturation by 10% instead.

■ 49.4450, 15.0636,
-24.9463

■ 49.4450, 15.0636,
-24.9463

■ 255.0000, 0.0000,
0.0000

■ 27.6300, 14.4794,
-24.2315

■ 97.8690, 15.3476,
-22.6871

■ 12.7950, 10.9471,
-11.2212

■ 122.9830, 15.7844,
-22.7871

■ 1.3680, 5.2416,
-1.1997

■ 149.0970, 16.2212,
-22.8871

■ 0.0000, 0.0000,
0.0000

■ 176.2110, 16.6580,
-22.9870

■ 203.9120, 16.8054,
-23.6018

■ 230.6580, 12.0006,

-22.5021

■ 248.7210, 3.0955,
-12.9103

■ 49.4450, 15.0636,
-24.9463

■ 49.4450, 15.0636,
-24.9463

■ 45.2920, 17.1110,
-28.3201

■ 53.5980, 13.0162,
-21.5724

■ 41.1390, 19.1585,
-31.6939

■ 57.7510, 10.9688,
-18.1986

■ 38.4700, 20.4743,
-33.7382

■ 61.9040, 8.9213,
-14.8248

■ 66.0570, 6.8739,
-11.4510

■ 70.2100, 4.8265,
-8.0772

■ 74.3630, 2.7790,
-4.7034

■ 78.5160, 0.7316,
-1.3295

■ 82.6690, -1.3158,
2.0443

■ 86.8220, -3.3632,
5.4181

Harmonies

Analogous

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



44.1290, 14.2334, -38.7011



49.4450, 15.0636, -24.9463



54.2730, 12.6834, -8.1324

Triad

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



49.4450, 15.0636, -24.9463



55.6330, -3.2701, 22.2469



51.1810, -7.9772, -8.0517

Complementary

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



49.4450, 15.0636, -24.9463



51.5550, -15.0636, 24.9463

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.



53.1070, -12.3778, 3.4142



49.4450, 15.0636, -24.9463



55.1290, -8.9376, 20.0579

Square

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



49.4450, 15.0636, -24.9463



56.2070, 2.8559, 17.3585



53.8740, -12.2629, 13.2655



48.6400, -0.8085, -20.7323

Rectangle

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



49.4450, 15.0636, -24.9463



55.4700, 10.6143, 2.2188



53.8740, -12.2629, 13.2655



51.7470, -9.7353, -4.1631

Sweetspot

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



49.4450, 15.0636, -24.9463



92.8400, 5.9949, -9.5067



58.1410, -7.4645, -32.5727



46.2920, 3.8000, -5.5181



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.



49.4450, 15.0636, -24.9463



56.6480, 23.8375, -39.1563



32.4220, 23.4560, -10.0171



38.6300, 1.1684, -1.4295



50.7120, 26.7640, -44.4744



112.1500, 59.0860, -98.3556

Inverse Universe

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



42.8590, 7.4645, 32.5727



46.4190, 11.6254, 51.3755



68.5780, -23.4560, 10.0171



38.4240, 0.2840, 2.2592



38.9190, 13.3509, 57.9530



86.0120, 29.5741, 128.0315

Previews

White Background



This preview shows how the YUV color 49.4450, 15.0636, -24.9463 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 49.4450, 15.0636, -24.9463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

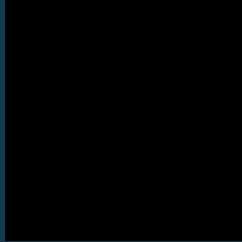
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.4450, 15.0636, -24.9463

Background



This preview shows how black text looks on a background with the YUV color 49.4450, 15.0636, -24.9463.



This preview shows how white text looks on a background with the YUV color 49.4450, 15.0636, -24.9463.

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

49.4450, 15.0636, -24.9463

Protanopia

54.8280, 10.9308, -5.9882

Deuteranopia

53.7890, 13.4150, -9.4620



Tritanopia

44.5270, 10.5862, -35.5422

Trichromacy



Original Color

49.4450, 15.0636, -24.9463

Protanomaly

52.5390, 12.5523, -12.7507

Deuteranomaly

51.9840, 14.3049, -14.8950

Tritanomaly

46.3040, 12.1751, -31.8386

Monochromacy



Original Color

49.4450, 15.0636, -24.9463

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.0250, 5.4107, -8.7919

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.4450, 15.0636, -24.9463 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(21, 58, 80)` looks like.

```
.text, #text, p{  
    color:rgb(21, 58, 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(21, 58, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 58, 80) }
```

Border

The CSS property to change the border of an element to YUV 49.4450, 15.0636, -24.9463 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(21, 58, 80) }
```


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

```
.border{ border-color:rgb(21, 58, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 58, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 58, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 58, 80);  
box-shadow:4px 4px 4px 4px rgb(21, 58, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.4450, 15.0636, -24.9463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 58, 80) }
```

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

```
.background{ background-color: rgb(21, 58,  
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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