

Converting Colors

YUV(49.2040, 24.0564,
-15.9649)

Have a look what the booklet for
YUV(49.2040, 24.0564, -15.9649)
contains.

YUV(49.2040, 24.0564, -15.9649)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(49.2040, 24.0564,
-15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	1F3162
RGB	31, 49, 98
RGB Percent	12%, 19%, 38%
CMY	0.8784, 0.8078, 0.6157
CMYK	0.68, 0.50, 0.00, 0.62
HSL	224°, 52%, 25%
HSV	224°, 68%, 38%
XYZ	3.8680, 3.3698, 12.0018
YIQ	49.2040, -26.4570, 11.4230

Conversions

Conversions Part 2

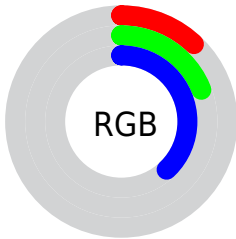
Format	Color
R_{YB}	31, 45, 98
Decimal	2044258
CIE Lab	21.47, 10.48, -31.29
CIE LCh	21, 33.004, 288.521
Yxy	3.3698, 0.2010, 0.1751
Android (android.graphics.Color)	4280234338 (0xFF1F3162)
YUV	49.2040, 24.0564, -15.9649
Hunter-Lab	18.3569, 5.4871, -25.9142

Details

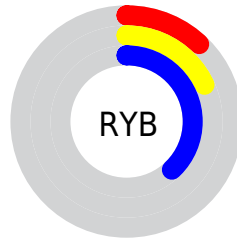
The YUV color **49.2040, 24.0564, -15.9649** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.7960, -24.0564, 15.9649**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.5680, 25.3560, -12.7761**, and **6.4010, 21.9873, -5.6137** is the 20% darker color. If you saturate the color by 10%, you get **42.1050, 27.5562, -18.5091**, and if you desaturate by 10%, it is **56.3030, 20.5566, -13.4207**.

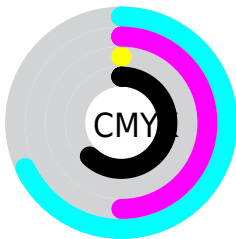
Distribution



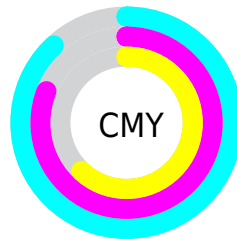
- Red (12%)
- Green (19%)
- Blue (38%)



- Red (12%)
- Yellow (18%)
- Blue (38%)



- Cyan (68%)
- Magenta (50%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (81%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.2040, 24.0564, -15.9649 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 49.2040, 24.0564, -15.9649 by changing the saturation by 10% instead.

■ 49.2040, 24.0564,
-15.9649

■ 49.2040, 24.0564,
-15.9649

■ 255.0000, 0.0000,
0.0000

■ 24.8720, 24.2201,
-21.8127

■ 97.5680, 25.3560,
-12.7761

■ 6.4010, 21.9873,
-5.6137

■ 122.5080, 26.3716,
-11.8465

■ 4.4800, 12.0884,
-3.9290

■ 149.0350, 27.0977,
-11.4317

■ 0.0000, 0.0000,
0.0000

■ 175.5620, 27.8239,
-11.0169

■ 202.6930, 25.7874,
-11.1318

■ 227.8000, 13.4096,

-7.7176

252.9070, 1.0318,
-4.3034

49.2040, 24.0564,
-15.9649

49.2040, 24.0564,
-15.9649

42.1050, 27.5562,
-18.5091

56.3030, 20.5566,
-13.4207

35.0060, 31.0560,
-21.0533

63.4020, 17.0568,
-10.8766

27.6190, 34.6978,
-22.4679

70.7890, 13.4150,
-9.4620

26.4340, 35.2820,
-23.1826

77.8880, 9.9152,
-6.9178

84.9870, 6.4154,
-4.3736

■ 92.0860, 2.9156,
-1.8294

■ 99.1850, -0.5842,
0.7148

■ 105.9850, -3.9366,
2.6442

■ 113.6710, -7.7258,
4.6735

Harmonies

Analogous

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



44.7450, 26.7477, -39.2414



49.2040, 24.0564, -15.9649



53.1110, 15.2283, 15.6887

Triad

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



49.2040, 24.0564, -15.9649



49.4420, -16.9799, 32.9384



41.0680, -0.0335, -36.0166

Complementary

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



49.2040, 24.0564, -15.9649



79.7960, -24.0564, 15.9649

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.



42.5400, -12.5912, -21.5216



49.2040, 24.0564, -15.9649



48.8180, -24.0673, 19.4536

Square

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



49.2040, 24.0564, -15.9649



49.1730, -5.5083, 40.1903



46.9360, -23.1394, 1.8101



44.5050, 10.5970, -39.0309

Rectangle

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



49.2040, 24.0564, -15.9649



51.8910, 8.9277, 29.9136



46.9360, -23.1394, 1.8101



40.1560, -3.5279, -35.2168

Sweetspot

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



49.2040, 24.0564, -15.9649



108.1870, 9.7678, -6.3030



75.8010, 1.5771, -39.2905



52.1720, 5.8312, -3.6588



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



49.2040, 24.0564, -15.9649



51.4060, 37.7608, -24.9121



43.1230, 27.0544, 2.5231



45.0430, 1.4578, -0.9147



30.3780, 40.2396, -26.6415



64.9280, 86.3105, -56.9419

Inverse Universe

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



53.0850, -2.0139, 39.3905



57.5870, -3.2474, 61.7522



85.8770, -27.0544, -2.5231



45.3100, -0.1528, 2.3591



36.9080, -3.4056, 65.8557



79.0560, -7.4226, 141.1479

Previews

White Background



This preview shows how the YUV color 49.2040, 24.0564, -15.9649 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 49.2040, 24.0564, -15.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

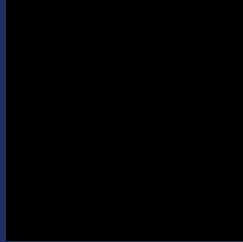
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.2040, 24.0564, -15.9649

Background



This preview shows how black text looks on a background with the YUV color 49.2040, 24.0564, -15.9649.



This preview shows how white text looks on a background with the YUV color 49.2040, 24.0564,

-15.9649.

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

49.2040, 24.0564, -15.9649

Protanopia

47.5130, 25.3831, -21.4979

Deuteranopia

41.5990, 24.8477, -36.4823



Tritanopia

40.5270, 10.5862, -35.5422

Trichromacy



Original Color

49.2040, 24.0564, -15.9649

Protanomaly

48.4100, 24.9409, -19.6536

Deuteranomaly

44.5290, 24.3892, -29.4049

Tritanomaly

43.5370, 15.5113, -28.5349

Monochromacy



Original Color

49.2040, 24.0564, -15.9649

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9590, 8.8942, -6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.2040, 24.0564, -15.9649 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(31, 49, 98)` looks like.

```
.text, #text, p{  
    color:rgb(31, 49, 98)  
}
```

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(31, 49, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 49, 98) }
```

Border

The CSS property to change the border of an element to YUV 49.2040, 24.0564, -15.9649 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(31, 49, 98) }
```


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

```
.border{ border-color:rgb(31, 49, 98) }
```

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

Here you see how a box with a 4 pixel rgb(31, 49, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 49, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 49, 98);  
box-shadow:4px 4px 4px 4px rgb(31, 49, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.2040, 24.0564, -15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 49, 98) }
```

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

```
.background{ background-color: rgb(31, 49,  
98) }
```

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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