

Converting Colors

YUV(64.9010, -20.1642,
-19.2072)

Have a look what the booklet for
YUV(64.9010, -20.1642, -19.2072)
contains.

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Color

**YUV(64.9010, -20.1642,
-19.2072)**

Conversions

Conversions Part 1

Format	Color
Hex	2B5418
RGB	43, 84, 24
RGB Percent	17%, 33%, 9%
CMY	0.8314, 0.6706, 0.9059
CMYK	0.49, 0.00, 0.71, 0.67
HSL	101°, 56%, 21%
HSV	101°, 71%, 33%
XYZ	4.3315, 6.9202, 1.9716
YIQ	64.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

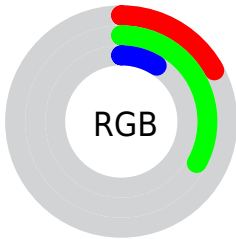
Format	Color
R_YB	24, 84, 65
Decimal	2839576
CIE _{Lab}	31.62, -26.68, 29.59
CIE _{LCh}	32, 39.846, 132.041
Yxy	6.9202, 0.3276, 0.5233
Android (android.graphics.Color)	4281029656 (0xFF2B5418)
YUV	64.9010, -20.1642, -19.2072
Hunter-Lab	26.3062, -16.6450, 13.9707

Details

The YUV color **64.9010, -20.1642, -19.2072** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.0990, 20.1642, 19.2072**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.5590, -21.4746, -18.9072**, and **22.3060, -10.9969, -19.5624** is the 20% darker color. If you saturate the color by 10%, you get **62.1950, -22.7741, -22.0960**, and if you desaturate by 10%, it is **67.6070, -17.5543, -16.3183**.

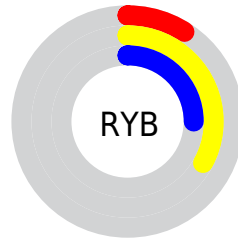
Distribution



Red (17%)

Green (33%)

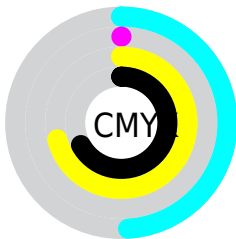
Blue (9%)



Red (9%)

Yellow (33%)

Blue (25%)

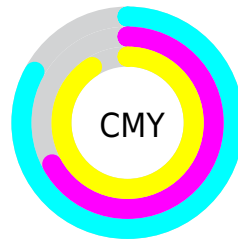


Cyan (49%)

Magenta (0%)

Yellow (71%)

Black (67%)



Cyan (83%)

Magenta (67%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9010, -20.1642, -19.2072 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 64.9010, -20.1642, -19.2072 by changing the saturation by 10% instead.

■ 64.9010, -20.1642,
-19.2072

■ 64.9010, -20.1642,
-19.2072

255.0000, 0.0000,
0.0000

■ 40.6020, -20.0168,
-19.8220

■ 114.5590,
-21.4746, -18.9072

■ 22.3060, -10.9969,
-19.5624

■ 140.0320,
-22.2008, -19.3221

■ 6.4570, -3.1833,
-5.6628

■ 167.3910,
-23.3638, -19.6369

■ 0.0000, 0.0000,
0.0000

■ 194.2770,
-23.8006, -19.5369

■ 222.4510,
-24.3793, -20.5665

■ 240.7710,

-19.6071, -11.2002

■ 252.0360,
-11.3567, 2.5994

■ 64.9010, -20.1642,
-19.2072

■ 64.9010, -20.1642,
-19.2072

■ 62.1950, -22.7741,
-22.0960

■ 67.6070, -17.5543,
-16.3183

■ 59.6740, -25.9683,
-24.2701

■ 70.1280, -14.3601,
-14.1443

■ 57.3810, -28.2888,
-26.6441

■ 72.8340, -11.7502,
-11.2554

■ 75.6540, -8.7034,
-8.4666

■ 78.3600, -6.0935,
-5.5777

■ 80.7670, -3.3361,
-3.3037

■ 83.5870, -0.2894,
-0.5148

■ 86.2930, 2.3206,
2.3740

■ 89.1130, 5.3673,
5.1629

Harmonies

Analogous

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



68.7490, -32.9073, 8.1131



64.9010, -20.1642, -19.2072



57.8120, -1.8793, -50.7011

Triad

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



64.9010, -20.1642, -19.2072



63.9970, 34.5115, -56.1254



72.1790, -4.5252, 51.5860

Complementary

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



64.9010, -20.1642, -19.2072



43.0990, 20.1642, 19.2072

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.



74.4840, 9.6214, 40.7945



64.9010, -20.1642, -19.2072



67.9120, 33.5674, -33.2488

Square

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



64.9010, -20.1642, -19.2072



64.8800, 25.2022, -56.8998



76.5220, 21.9277, 13.5742



72.0630, -18.7651, 45.5487

Rectangle

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



64.9010, -20.1642, -19.2072



60.9070, 7.4408, -53.4154



76.5220, 21.9277, 13.5742



72.2480, 0.8637, 49.7715

Sweetspot

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



64.9010, -20.1642, -19.2072



102.5940, -7.6878, -7.5369



66.0070, -20.7095, 15.7799



51.7130, -4.7885, -4.1333



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



64.9010, -20.1642, -19.2072



79.7350, -31.9144, -30.4626



60.4740, -12.5587, -31.9877



39.6470, -1.3050, -1.4444



71.5020, -35.2505, -33.7663



158.0110, -77.8994, -74.5546

Inverse Universe

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



43.0990, 20.1642, 19.2072



45.2650, 31.9144, 30.4626



47.5260, 12.5587, 31.9877



38.3530, 1.3050, 1.4444



33.1990, 35.3979, 33.1515



73.9890, 77.8994, 74.5546

Previews

White Background



This preview shows how the YUV color 64.9010, -20.1642, -19.2072 looks on a white background.

Color Contrast Check

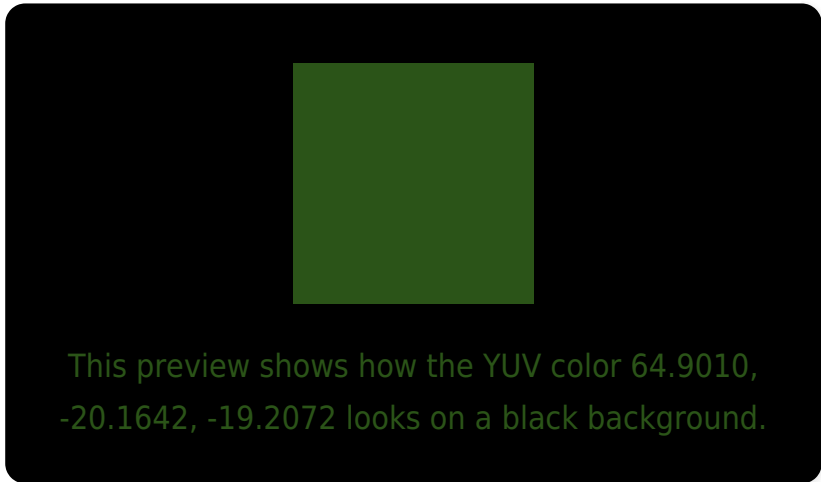
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 64.9010, -20.1642, -19.2072

Background



This preview shows how black text looks on a background with the YUV color 64.9010, -20.1642, -19.2072.



This preview shows how white text looks on a background with the YUV color 64.9010, -20.1642, -19.2072.

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

64.9010, -20.1642, -19.2072

Protanopia

70.6490, -24.4770, 10.8318

Deuteranopia

72.4910, -21.4411, 17.1094



Tritanopia

71.3230, 6.7428, -16.0693

Trichromacy



Original Color

64.9010, -20.1642, -19.2072

Protanomaly

68.6260, -22.9866, -0.5490

Deuteranomaly

69.8160, -21.1083, 3.6694

Tritanomaly

68.7930, -2.8559, -17.3585

Monochromacy



Original Color

64.9010, -20.1642, -19.2072

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0070, -7.3985, -7.0221

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9010, -20.1642, -19.2072 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(43, 84, 24)` looks like.

```
.text, #text, p{  
    color:rgb(43, 84, 24)  
}
```

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(43, 84, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 84, 24) }
```

Border

The CSS property to change the border of an element to YUV 64.9010, -20.1642, -19.2072 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(43, 84, 24) }
```


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

```
.border{ border-color:rgb(43, 84, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 84, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 84, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 84, 24);  
box-shadow:4px 4px 4px 4px rgb(43, 84, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.9010, -20.1642, -19.2072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 84, 24) }
```

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

```
.background{ background-color: rgb(43, 84,  
24) }
```

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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