

Converting Colors

YUV(64.3350, -24.3222,
101.4382)

Have a look what the booklet for
YUV(64.3350, -24.3222, 101.4382)
contains.

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Color

**YUV(64.3350, -24.3222,
101.4382)**

Conversions

Conversions Part 1

Format	Color
Hex	B40F0F
RGB	180, 15, 15
RGB Percent	71%, 6%, 6%
CMY	0.2941, 0.9412, 0.9412
CMYK	0.00, 0.92, 0.92, 0.29
HSL	0°, 85%, 38%
HSV	0°, 92%, 71%
XYZ	19.0794, 10.0794, 1.3919
YIQ	64.3350, 98.3400, 34.9800

Conversions

Conversions Part 2

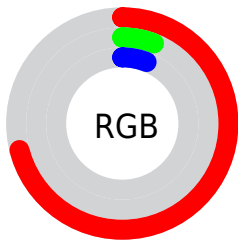
Format	Color
RYB	180, 15, 15
Decimal	11800335
CIELab	37.98, 60.07, 46.31
CIElCh	38, 75.849, 37.633
Yxy	10.0794, 0.6245, 0.3299
Android (android.graphics.Color)	4289990415 (0xFFB40F0F)
YUV	64.3350, -24.3222, 101.4382
Hunter-Lab	31.7481, 51.7126, 19.6244

Details

The YUV color **64.3350, -24.3222, 101.4382** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **130.6650, 24.3222, -101.4382**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2180, -33.6315, 100.6638**, and **34.9830, -17.2466, 71.9289** is the 20% darker color. If you saturate the color by 10%, you get **53.8200, -26.5333, 110.6599**, and if you desaturate by 10%, it is **76.9530, -21.6688, 90.3722**.

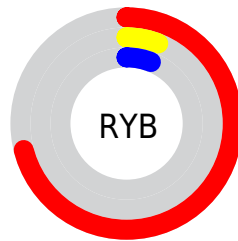
Distribution



Red (71%)

Green (6%)

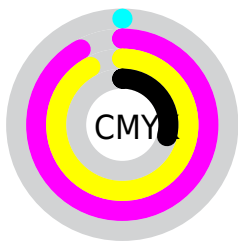
Blue (6%)



Red (71%)

Yellow (6%)

Blue (6%)

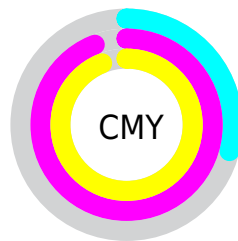


Cyan (0%)

Magenta (92%)

Yellow (92%)

Black (29%)



Cyan (29%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3350, -24.3222, 101.4382 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 64.3350, -24.3222, 101.4382 by changing the saturation by 10% instead.

■ 64.3350, -24.3222,
101.4382

■ 64.3350, -24.3222,
101.4382

■ 254.0880, -3.4944,
0.7998

■ 44.5510, -21.9636,
91.6018

■ 129.2180,
-33.6315, 100.6638

■ 34.9830, -17.2466,
71.9289

■ 151.6790,
-32.8727, 90.6125

■ 25.7140, -12.6770,
52.8708

■ 171.5520,
-30.3451, 73.1839

■ 17.5700, -7.6760,
35.4571

■ 190.9520,
-27.0913, 56.1701


■ 5.6810, -2.8007,
11.6808


■ 211.0530,
-23.6901, 38.5415


■ 0.0000, 0.0000,
0.0000


■ 231.1540,


-20.2889, 20.9129


 250.7820,
-16.1615, 3.6992


 64.3350, -24.3222,
101.4382

 64.3350, -24.3222,
101.4382

 53.8200, -26.5333,
110.6599

 76.9530, -21.6688,
90.3722

 89.5710, -19.0155,
79.3062

 102.1890,
-16.3622, 68.2402

 114.8070,
-13.7089, 57.1743

 127.4250,
-11.0555, 46.1083

■ 140.0430, -8.4022,
35.0423

■ 152.6610, -5.7489,
23.9763

■ 165.2790, -3.0955,
12.9103

■ 177.8970, -0.4422,
1.8443

Harmonies

Analogous

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



66.1860, 5.3313, 110.3389



64.3350, -24.3222, 101.4382



83.5700, -41.2000, 54.7511

Triad

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



64.3350, -24.3222, 101.4382



69.4890, -15.5241, -60.9419



78.9870, 66.5614, -69.2716

Complementary

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



64.3350, -24.3222, 101.4382



130.6650, 24.3222, -101.4382

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.



86.7660, 58.2894, -76.0938



64.3350, -24.3222, 101.4382



78.1870, 12.7258, -68.5700

Square

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



64.3350, -24.3222, 101.4382



64.3260, -31.7127, -48.5209



85.0270, 38.9337, -74.5687



89.2100, 48.7035, 12.0938

Rectangle

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



64.3350, -24.3222, 101.4382



84.5680, -41.6920, 25.8119



85.0270, 38.9337, -74.5687



83.2100, 64.9725, -72.9752

Sweetspot

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



64.3350, -24.3222, 101.4382



188.7340, -9.7289, 40.5753



83.1450, 47.7495, 84.9418



88.9600, -5.8963, 24.5911



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



64.3350, -24.3222, 101.4382



70.2650, -34.6406, 144.4726



113.0560, -48.3416, 58.7099



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



130.6650, 24.3222, -101.4382



164.7350, 34.6406, -144.4726



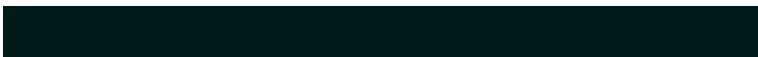
82.5310, 48.0522, -59.2247



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 64.3350, -24.3222, 101.4382 looks on a white background.

Color Contrast Check

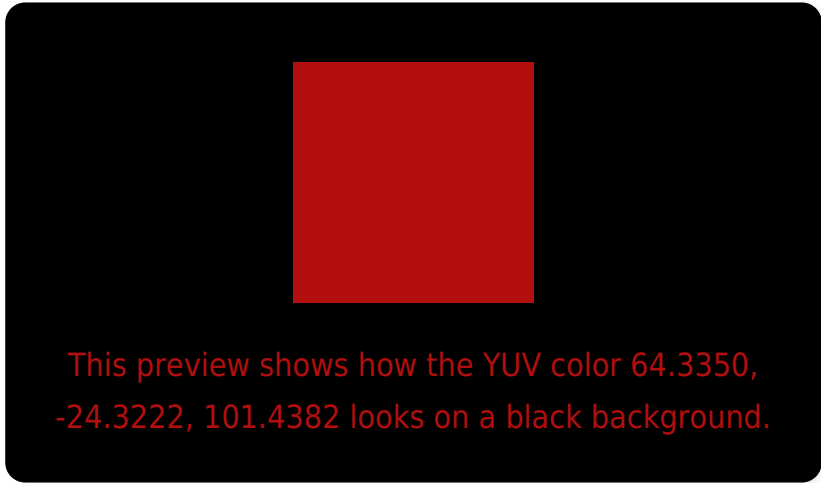
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 64.3350, -24.3222, 101.4382

Background



This preview shows how black text looks on a background with the YUV color 64.3350, -24.3222, 101.4382.



This preview shows how white text looks on a background with the YUV color 64.3350, -24.3222,

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

64.3350, -24.3222, 101.4382

Protanopia

87.9220, -28.5555, 12.3464

Deuteranopia

85.4540, -42.1288, 25.9118



Tritanopia

63.5540, -29.8531, 102.1231

Trichromacy



Original Color

64.3350, -24.3222, 101.4382

Protanomaly

79.2880, -26.7640, 44.4744

Deuteranomaly

77.9380, -35.9584, 53.5514

Tritanomaly

64.0100, -28.1059, 101.7232

Monochromacy



Original Color

64.3350, -24.3222, 101.4382

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.9400, -8.8444, 36.8866

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3350, -24.3222, 101.4382 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(180, 15, 15)` looks like.

```
.text, #text, p{  
    color:rgb(180, 15, 15)  
}
```

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(180, 15, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 15, 15) }
```

Border

The CSS property to change the border of an element to YUV 64.3350, -24.3222, 101.4382 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(180, 15, 15) }
```


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

```
.border{ border-color:rgb(180, 15, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 15, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 15, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 15, 15);  
box-shadow:4px 4px 4px 4px rgb(180, 15,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 64.3350, -24.3222, 101.4382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 15, 15) }
```

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

```
.background{ background-color: rgb(180, 15,  
15) }
```

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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