

Converting Colors

YUV(64.1440, -25.2140,
13.9057)

Have a look what the booklet for
YUV(64.1440, -25.2140, 13.9057)
contains.

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Color

**YUV(64.1440, -25.2140,
13.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	50420D
RGB	80, 66, 13
RGB Percent	31%, 26%, 5%
CMY	0.6863, 0.7412, 0.9490
CMYK	0.00, 0.18, 0.84, 0.69
HSL	47°, 72%, 18%
HSV	47°, 84%, 31%
XYZ	5.3291, 5.6310, 1.1868
YIQ	64.1440, 25.3570, -13.5150

Conversions

Conversions Part 2

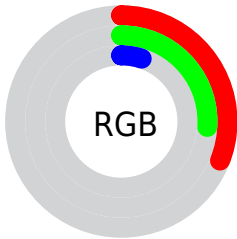
Format	Color
RYB	31, 80, 13
Decimal	5259789
CIELab	28.46, -0.27, 32.31
CIElCh	28, 32.315, 90.486
Yxy	5.6310, 0.4387, 0.4636
Android (android.graphics.Color)	4283449869 (0xFF50420D)
YUV	64.1440, -25.2140, 13.9057
Hunter-Lab	23.7296, -1.4399, 13.6455

Details

The YUV color **64.1440, -25.2140, 13.9057** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.8560, 25.2140, -13.9057**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.2260, -26.2404, 16.4648**, and **23.6560, -11.6624, 7.3177** is the 20% darker color. If you saturate the color by 10%, you get **62.0580, -28.1296, 15.7351**, and if you desaturate by 10%, it is **66.2300, -22.2984, 12.0763**.

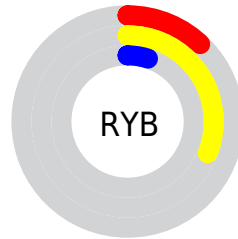
Distribution



 Red (31%)

 Green (26%)

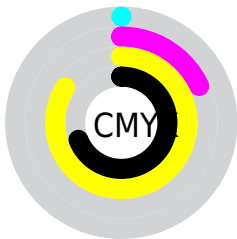
 Blue (5%)



 Red (12%)

 Yellow (31%)

 Blue (5%)

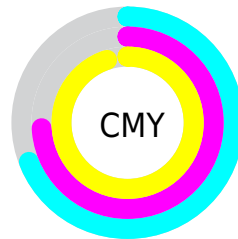


 Cyan (0%)

 Magenta (18%)

 Yellow (84%)

 Black (69%)



 Cyan (69%)

 Magenta (74%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.1440, -25.2140, 13.9057 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 64.1440, -25.2140, 13.9057 by changing the saturation by 10% instead.

64.1440, -25.2140,
13.9057

64.1440, -25.2140,
13.9057

253.7460, -4.8048,
1.0998

42.5720, -20.9880,
11.7764

113.2260,
-26.2404, 16.4648

23.6560, -11.6624,
7.3177

138.5960,
-27.4088, 17.8943

0.0000, 0.0000,
0.0000

165.0800,
-28.1404, 19.2238

192.2650,
-28.7246, 19.9386

220.4500,
-29.3088, 20.6534

243.8400,

-27.5291, 9.7873

■ 250.5540,
-17.0351, 3.8991

■ 64.1440, -25.2140,
13.9057

■ 64.1440, -25.2140,
13.9057

■ 62.0580, -28.1296,
15.7351

■ 66.2300, -22.2984,
12.0763

■ 60.9010, -30.0242,
16.7498

■ 67.7290, -19.0934,
10.7617

■ 69.8150, -16.1778,
8.9322

■ 71.9010, -13.2622,
7.1028

■ 73.4000, -10.0572,
5.7882

■ 75.4860, -7.1416,
3.9588

■ 77.5720, -4.2260,
2.1294

■ 79.0710, -1.0210,
0.8147

■ 81.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



65.6820, -21.0422, 29.2199



64.1440, -25.2140, 13.9057



61.6900, -20.0602, -5.8671

Triad

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



64.1440, -25.2140, 13.9057



56.8610, 17.3235, -49.8671



69.1400, 11.2700, 25.3102

Complementary

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



64.1440, -25.2140, 13.9057



28.8560, 25.2140, -13.9057

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.



68.0920, 20.6606, -0.0807



64.1440, -25.2140, 13.9057



57.1520, 26.0541, -50.1223

Square

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



64.1440, -25.2140, 13.9057



54.0110, 6.4036, -47.3676



54.4280, 30.8480, -47.7334



66.7690, 0.6069, 38.7906

Rectangle

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



64.1440, -25.2140, 13.9057



58.6540, -12.1544, -21.6216



54.4280, 30.8480, -47.7334



69.3070, 14.6386, 18.1478

Sweetspot

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



64.1440, -25.2140, 13.9057



98.4000, -10.0572, 5.7882



34.7430, -3.3243, 39.6904



49.7140, -6.2680, 3.7588



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.



64.1440, -25.2140, 13.9057



80.1160, -39.4972, 21.8233



66.6810, -26.4647, -4.9822



39.9570, -1.4578, 0.9147



177.3760, -87.4464, 47.9052

Inverse Universe

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



28.8560, 25.2140, -13.9057



24.8840, 39.4972, -21.8233



26.3190, 26.4647, 4.9822



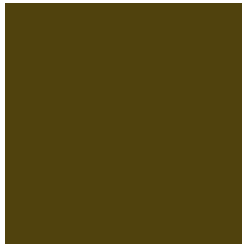
38.0430, 1.4578, -0.9147



54.6240, 87.4464, -47.9052

Previews

White Background



This preview shows how the YUV color 64.1440, -25.2140, 13.9057 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 64.1440, -25.2140, 13.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

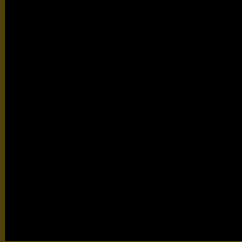
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.1440, -25.2140, 13.9057

Background



This preview shows how black text looks on a background with the YUV color 64.1440, -25.2140, 13.9057.



This preview shows how white text looks on a background with the YUV color 64.1440, -25.2140,

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

64.1440, -25.2140, 13.9057

Protanopia

64.1220, -25.2031, 10.4170

Deuteranopia

64.5790, -24.9354, 17.9092



Tritanopia

68.1480, -1.0590, 13.0252

Trichromacy



Original Color

64.1440, -25.2140, 13.9057

Protanomaly

63.8340, -25.0612, 11.5466

Deuteranomaly

64.5680, -24.9300, 16.1649

Tritanomaly

66.8570, -9.7895, 13.2804

Monochromacy



Original Color

64.1440, -25.2140, 13.9057

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2150, -9.4730, 5.0734

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.1440, -25.2140, 13.9057 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(80, 66, 13)` looks like.

```
.text, #text, p{  
    color:rgb(80, 66, 13)  
}
```

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(80, 66, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 66, 13) }
```

Border

The CSS property to change the border of an element to YUV 64.1440, -25.2140, 13.9057 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(80, 66, 13) }
```

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

```
.border{ border-color:rgb(80, 66, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 66, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 66, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 66, 13);  
box-shadow:4px 4px 4px 4px rgb(80, 66, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.1440, -25.2140, 13.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 66, 13) }
```

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

```
.background{ background-color: rgb(80, 66,  
13) }
```

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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