

Converting Colors

YUV(61.0840, -14.3384,
-21.1217)

Have a look what the booklet for
YUV(61.0840, -14.3384, -21.1217)
contains.

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Color

**YUV(61.0840, -14.3384,
-21.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	254F20
RGB	37, 79, 32
RGB Percent	15%, 31%, 13%
CMY	0.8549, 0.6902, 0.8745
CMYK	0.53, 0.00, 0.59, 0.69
HSL	114°, 42%, 22%
HSV	114°, 59%, 31%
XYZ	3.8196, 6.0896, 2.3406
YIQ	61.0840, -9.9450, -23.5210

Conversions

Conversions Part 2

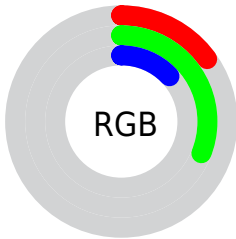
Format	Color
R_{YB}	32, 79, 74
Decimal	2445088
CIE Lab	29.64, -25.45, 23.08
CIE LCh	30, 34.353, 137.801
Yxy	6.0896, 0.3118, 0.4971
Android (android.graphics.Color)	4280635168 (0xFF254F20)
YUV	61.0840, -14.3384, -21.1217
Hunter-Lab	24.6770, -15.5557, 11.6503

Details

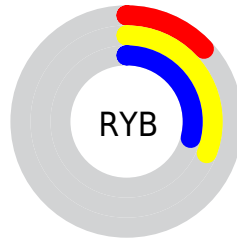
The YUV color **61.0840, -14.3384, -21.1217** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **49.9160, 14.3384, 21.1217**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3290, -15.9382, -21.3365**, and **20.5450, -10.1287, -18.0180** is the 20% darker color. If you saturate the color by 10%, you get **58.0790, -16.8009, -24.6253**, and if you desaturate by 10%, it is **64.0890, -11.8759, -17.6181**.

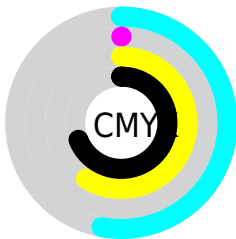
Distribution



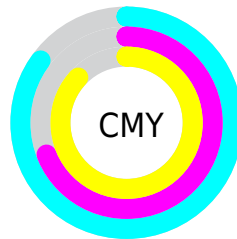
- Red (15%)
- Green (31%)
- Blue (13%)



- Red (13%)
- Yellow (31%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (59%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.0840, -14.3384, -21.1217 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 61.0840, -14.3384, -21.1217 by changing the saturation by 10% instead.

61.0840, -14.3384,
-21.1217

61.0840, -14.3384,
-21.1217

255.0000, 0.0000,
0.0000

37.6000, -13.6068,
-22.4512

110.3290,
-15.9382, -21.3365

20.5450, -10.1287,
-18.0180

135.8020,
-16.6644, -21.7514

0.0000, 0.0000,
0.0000

162.2750,
-17.3906, -22.1662

189.7480,
-18.1168, -22.5810

217.3350,
-18.4062, -23.0958

239.1770,

-15.3703, -16.8182

250.7410, -7.2673,
-2.4039

61.0840, -14.3384,
-21.1217

61.0840, -14.3384,
-21.1217

58.0790, -16.8009,
-24.6253

64.0890, -11.8759,
-17.6181

55.0740, -19.2635,
-28.1289

67.0940, -9.4133,
-14.1144

52.0690, -21.7260,
-31.6325

70.0990, -6.9508,
-10.6108

49.0640, -24.1886,
-35.1361

73.1040, -4.4883,
-7.1072

48.7650, -24.0411,
-35.7509

76.1090, -2.0257,
-3.6036

■ 79.0000, 0.0000,
0.0000

■ 82.0050, 2.4625,
3.5036

■ 85.0100, 4.9251,
7.0072

■ 88.3140, 7.2402,
11.1256

Harmonies

Analogous

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



65.0780, -25.1815, 3.4396



61.0840, -14.3384, -21.1217



54.7460, 1.6042, -48.0122

Triad

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



61.0840, -14.3384, -21.1217



58.5200, 31.2956, -51.3220



68.5540, -6.6821, 43.3641

Complementary

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



61.0840, -14.3384, -21.1217



49.9160, 14.3384, 21.1217

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.



70.1370, 5.8485, 37.5909



61.0840, -14.3384, -21.1217



68.0730, 26.0930, -15.8500

Square

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



61.0840, -14.3384, -21.1217



59.9730, 24.1703, -52.5963



72.1650, 16.6807, 16.5183



68.4210, -18.4486, 37.3418

Rectangle

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



61.0840, -14.3384, -21.1217



57.3850, 9.1772, -50.3266



72.1650, 16.6807, 16.5183



68.9930, -2.4615, 42.9791

Sweetspot

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



61.0840, -14.3384, -21.1217



95.1640, -5.5039, -8.0368



70.7070, -19.0826, 7.2730



46.7560, -3.3307, -5.0480



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



61.0840, -14.3384, -21.1217



74.3570, -21.8680, -32.7621



61.6410, -5.7390, -25.9952



36.6470, -1.3050, -1.4444



63.1630, -31.1394, -45.7470



142.1860, -70.0977, -103.6491

Inverse Universe

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



49.9160, 14.3384, 21.1217



57.3440, 22.0154, 32.1473



49.3590, 5.7390, 25.9952



35.6520, 1.1576, 2.0592



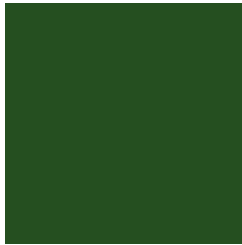
38.8370, 31.1394, 45.7470



87.5150, 70.2451, 103.0343

Previews

White Background



This preview shows how the YUV color 61.0840, -14.3384, -21.1217 looks on a white background.

Color Contrast Check

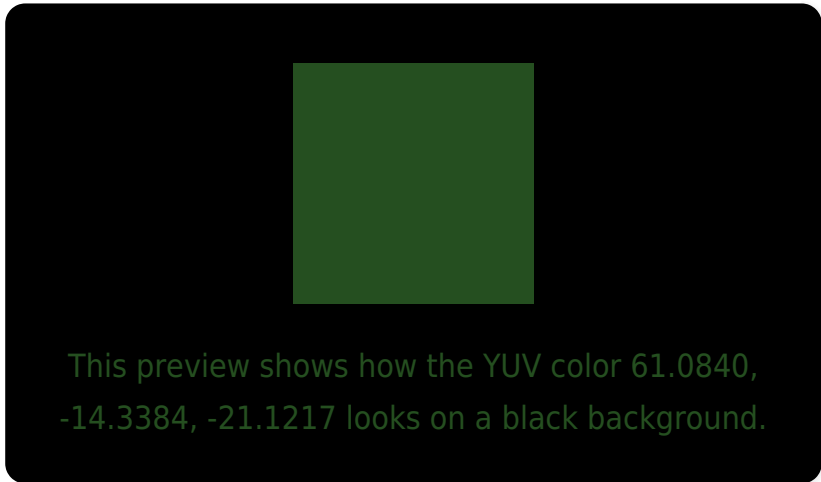
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.0840, -14.3384, -21.1217

Background



This preview shows how black text looks on a background with the YUV color 61.0840, -14.3384, -21.1217.



This preview shows how white text looks on a background with the YUV color 61.0840, -14.3384,

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

61.0840, -14.3384, -21.1217

Protanopia

67.7180, -19.0880, 9.0173

Deuteranopia

68.5600, -16.0521, 15.2949



Tritanopia

66.6110, 6.6008, -17.1988

Trichromacy



Original Color

61.0840, -14.3384, -21.1217

Protanomaly

65.1080, -17.3082, -1.8487

Deuteranomaly

65.9990, -15.2825, 1.7549

Tritanomaly

64.6510, -0.8139, -18.9879

Monochromacy



Original Color

61.0840, -14.3384, -21.1217

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1640, -5.5039, -8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.0840, -14.3384, -21.1217 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(37, 79, 32)` looks like.

```
.text, #text, p{  
    color:rgb(37, 79, 32)  
}
```

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(37, 79, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 79, 32) }
```

Border

The CSS property to change the border of an element to YUV 61.0840, -14.3384, -21.1217 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(37, 79, 32) }
```


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

```
.border{ border-color:rgb(37, 79, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 79, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 79, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 79, 32);  
box-shadow:4px 4px 4px 4px rgb(37, 79, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 61.0840, -14.3384, -21.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 79, 32) }
```

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

```
.background{ background-color: rgb(37, 79,  
32) }
```

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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