

Converting Colors

YUV(84.9040, -21.1517,
17.6242)

Have a look what the booklet for
YUV(84.9040, -21.1517, 17.6242)
contains.

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Color

**YUV(84.9040, -21.1517,
17.6242)**

Conversions

Conversions Part 1

Format	Color
Hex	69532A
RGB	105, 83, 42
RGB Percent	41%, 33%, 16%
CMY	0.5882, 0.6745, 0.8353
CMYK	0.00, 0.21, 0.60, 0.59
HSL	39°, 43%, 29%
HSV	39°, 60%, 41%
XYZ	9.3369, 9.3569, 3.5045
YIQ	84.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

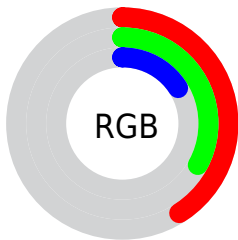
Format	Color
R_{YB}	76, 105, 42
Decimal	6902570
CIE _{Lab}	36.66, 3.71, 27.18
CIE _{LCh}	37, 27.431, 82.224
Yxy	9.3569, 0.4206, 0.4215
Android (android.graphics.Color)	4285092650 (0xFF69532A)
YUV	84.9040, -21.1517, 17.6242
Hunter-Lab	30.5891, 0.9535, 14.6198

Details

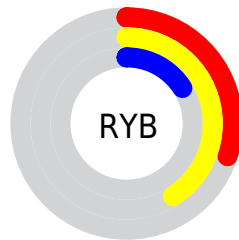
The YUV color **84.9040, -21.1517, 17.6242** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **62.0960, 21.1517, -17.6242**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8720, -22.6149, 20.2833**, and **39.0500, -19.2516, 14.8652** is the 20% darker color. If you saturate the color by 10%, you get **81.4160, -24.3621, 20.6832**, and if you desaturate by 10%, it is **88.5060, -17.5045, 14.4652**.

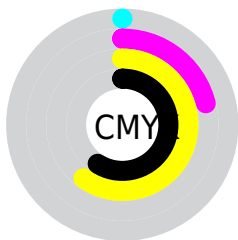
Distribution



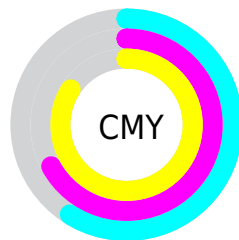
- Red (41%)
- Green (33%)
- Blue (16%)



- Red (30%)
- Yellow (41%)
- Blue (16%)



- Cyan (0%)
- Magenta (21%)
- Yellow (60%)
- Black (59%)



- Cyan (59%)
- Magenta (67%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9040, -21.1517, 17.6242 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 84.9040, -21.1517, 17.6242 by changing the saturation by 10% instead.

84.9040, -21.1517,
17.6242

84.9040, -21.1517,
17.6242

255.0000, 0.0000,
0.0000

61.4200, -20.4201,
16.2947

134.8720,
-22.6149, 20.2833

39.0500, -19.2516,
14.8652

161.3560,
-23.3465, 21.6128

20.1340, -9.9261,
10.4065

188.4270,
-24.3675, 22.4275

0.0000, 0.0000,
0.0000

216.6120,
-24.9517, 23.1423

239.7140,
-23.0300, 13.4058

251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 84.9040, -21.1517,
17.6242

■ 84.9040, -21.1517,
17.6242

■ 81.4160, -24.3621,
20.6832

■ 88.5060, -17.5045,
14.4652

■ 78.4010, -28.2987,
23.3273

■ 91.4070, -14.0047,
11.9211

■ 74.7990, -31.9459,
26.4863

■ 95.0090, -10.3574,
8.7621

■ 71.3110, -35.1563,
29.5453

■ 98.4970, -7.1470,
5.7031

■ 101.5120, -3.2104,
3.0590

■ 105.0000, 0.0000,
0.0000

■ 108.6020, 3.6472,
-3.1590

■ 111.5030, 7.1470,
-5.7031

■ 115.1050, 10.7942,
-8.8621

Harmonies

Analogous

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



86.1320, -16.8271, 30.5792



84.9040, -21.1517, 17.6242



82.9620, -19.2083, 0.9103

Triad

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



84.9040, -21.1517, 17.6242



69.1540, 16.1931, -60.6481



88.6120, 12.0233, 17.0033

Complementary

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



84.9040, -21.1517, 17.6242



62.0960, 21.1517, -17.6242

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.



87.1190, 19.6613, -6.2434



84.9040, -21.1517, 17.6242



69.5590, 25.3604, -61.0032

Square

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



84.9040, -21.1517, 17.6242



72.6370, 3.6300, -44.4086



79.0120, 25.1371, -35.9675



88.4800, 2.2284, 32.0280

Rectangle

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



84.9040, -21.1517, 17.6242



80.6660, -13.6393, -11.9851



79.0120, 25.1371, -35.9675



88.6650, 14.9552, 9.9408

Sweetspot

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



84.9040, -21.1517, 17.6242



129.8670, -8.3154, 7.1326



63.3450, 0.3229, 36.5314



64.3550, -5.1050, 4.0737



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



84.9040, -21.1517, 17.6242



106.1690, -33.1143, 27.9158



95.1270, -26.1916, 0.7656



52.1420, -2.0420, 1.6295



79.5950, -39.2403, 32.8042



166.5880, -82.1279, 68.7673

Inverse Universe

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



62.0960, 21.1517, -17.6242



70.2440, 33.4037, -27.4010



51.8730, 26.1916, -0.7656



49.8580, 2.0420, -1.6295



37.4050, 39.2403, -32.8042



77.8250, 82.4173, -68.2525

Previews

White Background



This preview shows how the YUV color 84.9040, -21.1517, 17.6242 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 84.9040, -21.1517, 17.6242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

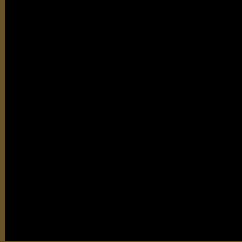
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9040, -21.1517, 17.6242

Background



This preview shows how black text looks on a background with the YUV color 84.9040, -21.1517, 17.6242.



This preview shows how white text looks on a background with the YUV color 84.9040, -21.1517,

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

84.9040, -21.1517, 17.6242

Protanopia

84.6750, -20.5458, 9.9320

Deuteranopia

84.9150, -21.1571, 19.3685



Tritanopia

87.6540, -1.8014, 17.8434

Trichromacy



Original Color

84.9040, -21.1517, 17.6242

Protanomaly

84.9850, -20.6986, 12.2912

Deuteranomaly

84.6160, -21.0097, 18.7538

Tritanomaly

86.8190, -8.7848, 17.6987

Monochromacy



Original Color

84.9040, -21.1517, 17.6242

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.6820, -7.7312, 6.4179

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9040, -21.1517, 17.6242 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(105, 83, 42)` looks like.

```
.text, #text, p{  
    color:rgb(105, 83, 42)  
}
```

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(105, 83, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 83, 42) }
```

Border

The CSS property to change the border of an element to YUV 84.9040, -21.1517, 17.6242 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(105, 83, 42) }
```


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

```
.border{ border-color:rgb(105, 83, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 83, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 83, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 83, 42);  
box-shadow:4px 4px 4px 4px rgb(105, 83,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 84.9040, -21.1517, 17.6242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 83, 42) }
```

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

```
.background{ background-color: rgb(105, 83,  
42) }
```

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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