

Converting Colors

YUV(105.3520, -47.5015,
22.4933)

Have a look what the booklet for
YUV(105.3520, -47.5015, 22.4933)
contains.

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Color

**YUV(105.3520, -47.5015,
22.4933)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 836F09 |
| RGB | 131, 111, 9 |
| RGB Percent | 51%, 44%, 4% |
| CMY | 0.4863, 0.5647, 0.9647 |
| CMYK | 0.00, 0.15, 0.93, 0.49 |
| HSL | 50°, 87%, 27% |
| HSV | 50°, 93%, 51% |
| XYZ | 15.0938, 16.2139, 2.5925 |
| YIQ | 105.3520, 44.6620, -27.4820 |

Conversions

Conversions Part 2

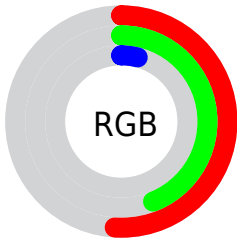
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 33, 131, 9 |
| Decimal | 8613641 |
| CIE Lab | 47.25, -1.88, 51.52 |
| CIE LCh | 47, 51.555, 92.092 |
| Yxy | 16.2139, 0.4452, 0.4783 |
| Android (android.graphics.Color) | 4286803721 (0xFF836F09) |
| YUV | 105.3520, -47.5015, 22.4933 |
| Hunter-Lab | 40.2665, -3.5559, 24.3692 |

Details

The YUV color **105.3520, -47.5015, 22.4933** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **34.6480, 47.5015, -22.4933**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6450, -45.1810, 24.8673**, and **60.8900, -30.0188, 15.0055** is the 20% darker color. If you saturate the color by 10%, you get **103.7390, -51.1433, 23.9079**, and if you desaturate by 10%, it is **108.0080, -42.4019, 20.1640**.

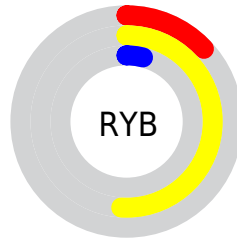
Distribution



Red (51%)

Green (44%)

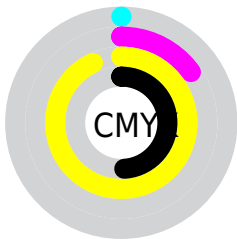
Blue (4%)



Red (13%)

Yellow (51%)

Blue (4%)

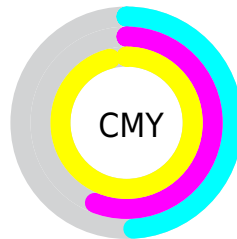


Cyan (0%)

Magenta (15%)

Yellow (93%)

Black (49%)



Cyan (49%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3520, -47.5015, 22.4933 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 105.3520, -47.5015, 22.4933 by changing the saturation by 10% instead.

■ 105.3520,
-47.5015, 22.4933

■ 105.3520,
-47.5015, 22.4933

■ 255.0000, 0.0000,
0.0000

■ 82.1650, -40.5073,
19.1493

■ 158.6450,
-45.1810, 24.8673

■ 60.8900, -30.0188,
15.0055

■ 186.4280,
-46.0600, 26.8116

■ 39.9030, -19.6722,
9.7321

■ 214.4990,
-47.0810, 27.6264

■ 20.9870, -10.3466,
5.2734


■ 236.7040,
-44.7171, 16.0456


■ 0.0000, 0.0000,
0.0000


■ 245.6520,
-35.8174, 8.1982


■ 248.8440,


-23.5871, 5.3988


 252.1500,
-10.9200, 2.4994


 105.3520,
-47.5015, 22.4933


 105.3520,
-47.5015, 22.4933


 103.7390,
-51.1433, 23.9079

 108.0080,
-42.4019, 20.1640

 110.6640,
-37.3024, 17.8347

 113.3200,
-32.2028, 15.5054

 116.5630,
-27.3926, 12.6612

 119.2190,
-22.2930, 10.3319

■ 121.9890,
-16.7566, 7.9026

■ 124.6450,
-11.6570, 5.5733

■ 127.3010, -6.5574,
3.2440

■ 129.9570, -1.4578,
0.9147

Harmonies

Analogous

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



108.2750, -37.1106, 49.7478



105.3520, -47.5015, 22.4933



101.7480, -34.8788, -12.9340

Triad

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



105.3520, -47.5015, 22.4933



95.3820, 30.3777, -83.6500



114.3350, 19.0618, 46.1872

Complementary

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



105.3520, -47.5015, 22.4933



34.6480, 47.5015, -22.4933

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.



114.0010, 35.4955, 1.7531



105.3520, -47.5015, 22.4933



95.9810, 45.3654, -84.1753

Square

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



105.3520, -47.5015, 22.4933



90.4800, 11.5954, -79.3510



90.7780, 53.3534, -79.6123



109.6680, 0.6567, 69.5742

Rectangle

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



105.3520, -47.5015, 22.4933



95.2740, -19.3621, -43.2133



90.7780, 53.3534, -79.6123



115.1530, 25.0676, 33.1918

Sweetspot

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



105.3520, -47.5015, 22.4933



160.8320, -18.6512, 8.9173



47.7580, -9.2477, 73.0032



80.6450, -11.6570, 5.5733



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



105.3520, -47.5015, 22.4933



135.0700, -66.5895, 31.5106



104.8330, -47.2457, -13.0085



64.7290, -2.3314, 1.1147



102.8530, -50.7065, 23.8079



2.0710, -1.0210, 0.8147

Inverse Universe

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



34.6480, 47.5015, -22.4933



35.9300, 66.5895, -31.5106



35.1670, 47.2457, 13.0085



61.2710, 2.3314, -1.1147



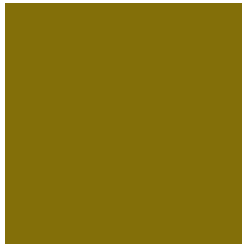
27.1470, 50.7065, -23.8079



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 105.3520, -47.5015, 22.4933 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



This preview shows how the YUV color 105.3520, -47.5015, 22.4933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

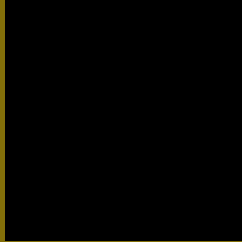
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.3520, -47.5015, 22.4933

Background



This preview shows how black text looks on a background with the YUV color 105.3520, -47.5015, 22.4933.

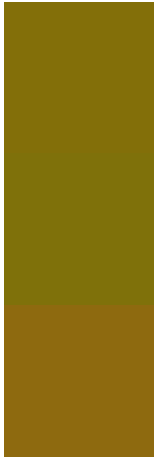


This preview shows how white text looks on a background with the YUV color 105.3520, -47.5015,

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

105.3520, -47.5015, 22.4933

Protanopia

105.4440, -47.0539, 18.9046

Deuteranopia

106.3900, -45.0553, 31.2300



Tritanopia

114.0780, -1.5175, 20.1026

Trichromacy



Original Color

105.3520, -47.5015, 22.4933

Protanomaly

105.1560, -46.9119, 20.0342

Deuteranomaly

106.1400, -45.9180, 27.9412

Tritanomaly

111.0230, -18.2523, 21.0278

Monochromacy



Original Color

105.3520, -47.5015, 22.4933

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8750, -17.1934, 8.0026

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3520, -47.5015, 22.4933 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(131, 111, 9)` looks like.

```
.text, #text, p{  
    color:rgb(131, 111, 9)  
}
```

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(131, 111, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 111, 9) }
```

Border

The CSS property to change the border of an element to YUV 105.3520, -47.5015, 22.4933 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(131, 111, 9) }
```


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

```
.border{ border-color:rgb(131, 111, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 111, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 111, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 111, 9);  
box-shadow:4px 4px 4px 4px rgb(131, 111,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 105.3520, -47.5015, 22.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 111, 9) }
```

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

```
.background{ background-color: rgb(131,  
111, 9) }
```

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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