

Converting Colors

YUV(88.5640, -35.7741, -5.7566)

Have a look what the booklet for
YUV(88.5640, -35.7741, -5.7566)
contains.

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Color

**YUV(88.5640, -35.7741,
-5.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	526A10
RGB	82, 106, 16
RGB Percent	32%, 42%, 6%
CMY	0.6784, 0.5843, 0.9373
CMYK	0.23, 0.00, 0.85, 0.58
HSL	76°, 74%, 24%
HSV	76°, 85%, 42%
XYZ	8.7272, 12.1393, 2.3734
YIQ	88.5640, 14.5860, -33.0780

Conversions

Conversions Part 2

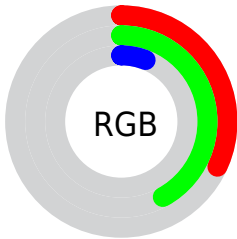
Format	Color
R_{YB}	16, 106, 40
Decimal	5401104
CIE _{Lab}	41.44, -22.00, 43.16
CIE _{LCh}	41, 48.445, 117.010
Yxy	12.1393, 0.3755, 0.5223
Android (android.graphics.Color)	4283591184 (0xFF526A10)
YUV	88.5640, -35.7741, -5.7566
Hunter-Lab	34.8415, -16.2613, 20.3503

Details

The YUV color **88.5640, -35.7741, -5.7566** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **33.4360, 35.7741, 5.7566**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9770, -35.4847, -5.2418**, and **44.5000, -21.9385, -10.0855** is the 20% darker color. If you saturate the color by 10%, you get **86.4130, -40.1366, -6.5012**, and if you desaturate by 10%, it is **90.7150, -31.4115, -5.0121**.

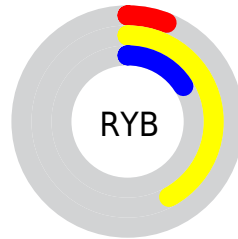
Distribution



 Red (32%)


 Green (42%)

 Blue (6%)




 Red (6%)

 Yellow (42%)

 Blue (16%)

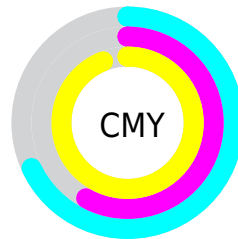



 Cyan (23%)


 Magenta (0%)

 Yellow (85%)

 Black (58%)



 Cyan (68%)

 Magenta (58%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.5640, -35.7741, -5.7566 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 88.5640, -35.7741, -5.7566 by changing the saturation by 10% instead.

■ 88.5640, -35.7741,
-5.7566

■ 88.5640, -35.7741,
-5.7566

255.0000, 0.0000,
0.0000

■ 65.1770, -32.1323,
-7.1712

■ 139.9770,
-35.4847, -5.2418

■ 44.5000, -21.9385,
-10.0855

■ 166.8630,
-35.9215, -5.1419

■ 22.9150, -11.2971,
-16.5885

■ 194.5210,
-37.2319, -4.8419

■ 5.8700, -2.8939,
-5.1480


■ 222.7060,
-37.8161, -4.1272


■ 0.0000, 0.0000,
0.0000


■ 243.2600,
-34.6382, 3.2800


■ 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 88.5640, -35.7741,
-5.7566


 88.5640, -35.7741,
-5.7566


 86.4130, -40.1366,
-6.5012


 90.7150, -31.4115,
-5.0121

 85.5440, -42.1732,
-6.6161

 92.7520, -27.4857,
-4.1675

 94.6040, -22.9758,
-4.0377

 96.6410, -19.0500,
-3.1932

 98.7920, -14.6875,
-2.4486

■ 100.9430,
-10.3249, -1.7040

■ 102.9800, -6.3991,
-0.8595

■ 105.1310, -2.0366,
-0.1149

■ 106.8690, 2.0366,
0.1149

Harmonies

Analogous

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



92.1720, -44.4548, 25.2822



88.5640, -35.7741, -5.7566



77.3420, -12.4936, -52.9199

Triad

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



88.5640, -35.7741, -5.7566



84.4400, 39.2231, -74.0539



95.4220, 3.7360, 61.8969

Complementary

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



88.5640, -35.7741, -5.7566



33.4360, 35.7741, 5.7566

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.



100.3230, 20.5468, 36.5507



88.5640, -35.7741, -5.7566



81.2260, 47.2166, -71.2352

Square

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



88.5640, -35.7741, -5.7566



83.2540, 24.5248, -73.0138



98.1200, 34.9438, -7.9982



94.2100, -14.8935, 63.8368

Rectangle

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



88.5640, -35.7741, -5.7566



76.3970, 0.7903, -67.0002



98.1200, 34.9438, -7.9982



97.2840, 9.7200, 55.8789

Sweetspot

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



88.5640, -35.7741, -5.7566



131.3190, -13.9613, -2.0338



56.9980, -20.2120, 42.9748



64.8120, -8.2883, -1.5891



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.



88.5640, -35.7741, -5.7566



111.2050, -54.8241, -8.9498



75.1090, -29.1407, -33.4216



52.7180, -2.3260, -0.6297



94.3930, -46.5357, -7.3607



197.6350, -97.4341, -15.4659

Inverse Universe

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



33.4360, 35.7741, 5.7566



26.7950, 54.8241, 8.9498



46.8910, 29.1407, 33.4216



49.2820, 2.3260, 0.6297



22.6070, 46.5357, 7.3607



47.3650, 97.4341, 15.4659

Previews

White Background



This preview shows how the YUV color 88.5640, -35.7741, -5.7566 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 88.5640, -35.7741, -5.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

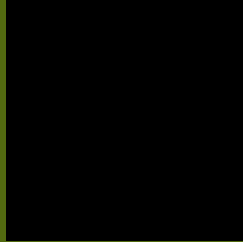
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.5640, -35.7741, -5.7566

Background



This preview shows how black text looks on a background with the YUV color 88.5640, -35.7741, -5.7566.



This preview shows how white text looks on a background with the YUV color 88.5640, -35.7741, -5.7566.

-5.7566.

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

88.5640, -35.7741, -5.7566

Protanopia

92.0120, -38.4599, 15.7755

Deuteranopia

94.1040, -34.5613, 25.3418



Tritanopia

97.4060, 4.2368, -5.6181

Trichromacy



Original Color

88.5640, -35.7741, -5.7566

Protanomaly

90.8970, -37.4172, 7.9833

Deuteranomaly

92.2120, -35.1075, 13.8461

Tritanomaly

94.5080, -10.6034, -5.7075

Monochromacy



Original Color

88.5640, -35.7741, -5.7566

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.5470, -13.0877, -2.2337

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5640, -35.7741, -5.7566 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(82, 106, 16)` looks like.

```
.text, #text, p{  
    color:rgb(82, 106, 16)  
}
```

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(82, 106, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 106, 16) }
```

Border

The CSS property to change the border of an element to YUV 88.5640, -35.7741, -5.7566 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(82, 106, 16) }
```


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

```
.border{ border-color:rgb(82, 106, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 106, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 106, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 106, 16);  
box-shadow:4px 4px 4px 4px rgb(82, 106,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 88.5640, -35.7741, -5.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 106, 16) }
```

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

```
.background{ background-color: rgb(82, 106,  
16) }
```

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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