

Converting Colors

YUV(88.6960, -35.8391,
15.1756)

Have a look what the booklet for
YUV(88.6960, -35.8391, 15.1756)
contains.

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Color

**YUV(88.6960, -35.8391,
15.1756)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5E10
RGB	106, 94, 16
RGB Percent	42%, 37%, 6%
CMY	0.5843, 0.6314, 0.9373
CMYK	0.00, 0.11, 0.85, 0.58
HSL	52°, 74%, 24%
HSV	52°, 85%, 42%
XYZ	10.0401, 11.1070, 2.1049
YIQ	88.6960, 32.1900, -21.7140

Conversions

Conversions Part 2

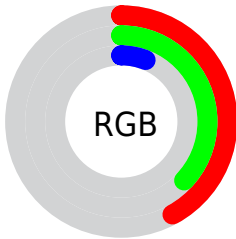
Format	Color
R_{YB}	30, 106, 16
Decimal	6970896
CIE _{Lab}	39.76, -3.99, 42.46
CIE _{LCh}	40, 42.648, 95.365
Yxy	11.1070, 0.4318, 0.4777
Android (android.graphics.Color)	4285160976 (0xFF6A5E10)
YUV	88.6960, -35.8391, 15.1756
Hunter-Lab	33.3271, -4.5479, 19.5843

Details

The YUV color **88.6960, -35.8391, 15.1756** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **33.3040, 35.8391, -15.1756**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0060, -35.9920, 17.5347**, and **44.6210, -21.9982, 9.1024** is the 20% darker color. If you saturate the color by 10%, you get **86.8550, -40.3545, 16.7902**, and if you desaturate by 10%, it is **90.5370, -31.3237, 13.5611**.

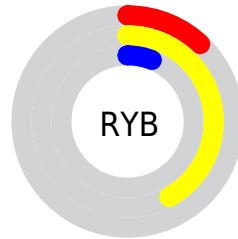
Distribution



Red (42%)

Green (37%)

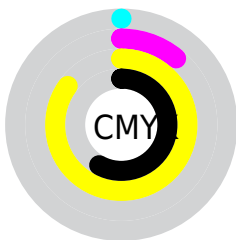
Blue (6%)



Red (12%)

Yellow (42%)

Blue (6%)

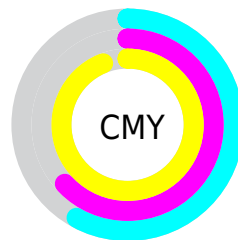


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (58%)



Cyan (58%)

Magenta (63%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6960, -35.8391, 15.1756 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 88.6960, -35.8391, 15.1756 by changing the saturation by 10% instead.

88.6960, -35.8391,
15.1756

88.6960, -35.8391,
15.1756

255.0000, 0.0000,
0.0000

65.5970, -32.3393,
12.6314

140.0060,
-35.9920, 17.5347

44.6210, -21.9982,
9.1024

166.4900,
-36.7236, 18.8643

25.7050, -12.6726,
4.6437

194.5610,
-37.7446, 19.6790

0.0000, 0.0000,
0.0000

222.6320,
-38.7656, 20.4937

244.8370,
-36.4016, 8.9130

248.6160,

-24.4607, 5.5988

■ 251.8080,
-12.2303, 2.7994

■ 88.6960, -35.8391,
15.1756

■ 88.6960, -35.8391,
15.1756

■ 86.8550, -40.3545,
16.7902

■ 90.5370, -31.3237,
13.5611

■ 85.6980, -42.2491,
17.8049

■ 92.8510, -27.5345,
11.5317

■ 94.6920, -23.0192,
9.9171

■ 97.0060, -19.2300,
7.8877

■ 98.8470, -14.7146,
6.2732

■ 100.6880,
-10.1992, 4.6586

■ 103.0020, -6.4100,
2.6292

■ 104.8430, -1.8946,
1.0147

■ 107.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



90.8050, -30.9629, 37.8820



88.6960, -35.8391, 15.1756



85.1530, -25.7114, -13.2892

Triad

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



88.6960, -35.8391, 15.1756



79.1450, 26.5505, -69.4102



95.5100, 13.5526, 39.8947

Complementary

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



88.6960, -35.8391, 15.1756



33.3040, 35.8391, -15.1756

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.



96.1450, 27.0435, 6.0118



88.6960, -35.8391, 15.1756



79.5330, 38.1912, -69.7504

Square

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



88.6960, -35.8391, 15.1756



75.8560, 11.4100, -66.5257



81.5120, 40.1736, -52.1920



92.5970, -1.7733, 55.6044

Rectangle

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



88.6960, -35.8391, 15.1756



79.2020, -13.4106, -38.7652



81.5120, 40.1736, -52.1920



96.7090, 18.3845, 30.0732

Sweetspot

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



88.6960, -35.8391, 15.1756



131.0750, -13.8410, 6.0732



44.2780, -8.0251, 54.1302



64.8450, -8.3046, 3.6439



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.



88.6960, -35.8391, 15.1756



111.1150, -54.7797, 23.5781



85.8730, -34.4474, -11.2896



52.7290, -2.3314, 1.1147



94.8570, -46.7645, 19.4194



197.6990, -97.4656, 41.4830

Inverse Universe

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



33.3040, 35.8391, -15.1756



26.2980, 55.0691, -23.0633



36.1270, 34.4474, 11.2896



49.2710, 2.3314, -1.1147



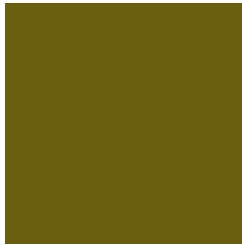
22.7300, 46.4751, -19.9342



47.3010, 97.4656, -41.4830

Previews

White Background



This preview shows how the YUV color 88.6960, -35.8391, 15.1756 looks on a white background.

Color Contrast Check

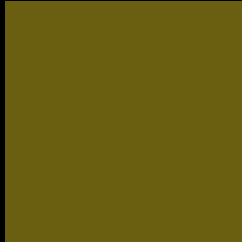
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.6960, -35.8391, 15.1756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

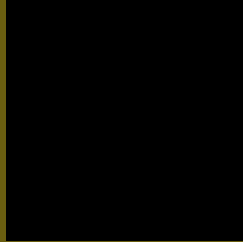
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6960, -35.8391, 15.1756

Background



This preview shows how black text looks on a background with the YUV color 88.6960, -35.8391, 15.1756.



This preview shows how white text looks on a background with the YUV color 88.6960, -35.8391,

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

88.6960, -35.8391, 15.1756

Protanopia

88.6960, -35.8391, 15.1756

Deuteranopia

89.6910, -34.8507, 24.8270



Tritanopia

94.9740, -0.4802, 14.0548

Trichromacy



Original Color

88.6960, -35.8391, 15.1756

Protanomaly

88.6960, -35.8391, 15.1756

Deuteranomaly

89.5550, -35.2766, 21.4383

Tritanomaly

92.9450, -13.2839, 14.0802

Monochromacy



Original Color

88.6960, -35.8391, 15.1756

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8900, -13.2568, 5.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6960, -35.8391, 15.1756 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(106, 94, 16)` looks like.

```
.text, #text, p{  
    color:rgb(106, 94, 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(106, 94, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 94, 16) }
```

Border

The CSS property to change the border of an element to YUV 88.6960, -35.8391, 15.1756 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(106, 94, 16) }
```


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

```
.border{ border-color:rgb(106, 94, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 94, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 94, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 94, 16);  
box-shadow:4px 4px 4px 4px rgb(106, 94,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 88.6960, -35.8391, 15.1756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 94, 16) }
```

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

```
.background{ background-color: rgb(106, 94,  
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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