

Converting Colors

YUV(89.4960, -42.6425, 3.9500)

Have a look what the booklet for
YUV(89.4960, -42.6425, 3.9500)
contains.

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Color

**YUV(89.4960, -42.6425,
3.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	5E6803
RGB	94, 104, 3
RGB Percent	37%, 41%, 1%
CMY	0.6314, 0.5922, 0.9882
CMYK	0.10, 0.00, 0.97, 0.59
HSL	66°, 94%, 21%
HSV	66°, 97%, 41%
XYZ	9.5828, 12.2869, 1.9527
YIQ	89.4960, 26.4610, -33.5310

Conversions

Conversions Part 2

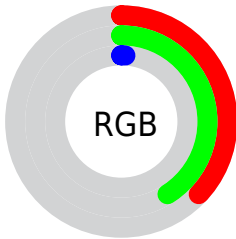
Format	Color
R_{YB}	3, 104, 13
Decimal	6187011
CIE _{Lab}	41.67, -15.86, 47.08
CIE _{LCh}	42, 49.677, 108.615
Yxy	12.2869, 0.4023, 0.5158
Android (android.graphics.Color)	4284377091 (0xFF5E6803)
YUV	89.4960, -42.6425, 3.9500
Hunter-Lab	35.0527, -12.5431, 21.2340

Details

The YUV color **89.4960, -42.6425, 3.9500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **17.5040, 42.6425, -3.9500**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.8920, -39.8798, 4.4797**, and **46.6150, -22.9812, -2.2934** is the 20% darker color. If you saturate the color by 10%, you get **89.1540, -43.9529, 4.2499**, and if you desaturate by 10%, it is **90.9350, -38.4220, 3.5650**.

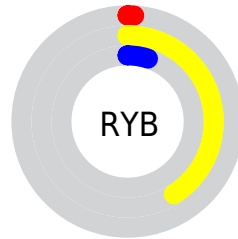
Distribution



Red (37%)

Green (41%)

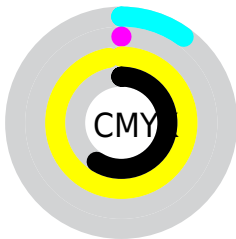
Blue (1%)



Red (1%)

Yellow (41%)

Blue (5%)

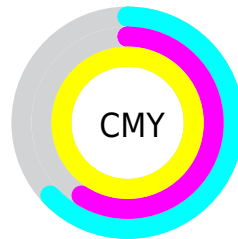


Cyan (10%)

Magenta (0%)

Yellow (97%)

Black (59%)



Cyan (63%)

Magenta (59%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4960, -42.6425, 3.9500 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 89.4960, -42.6425, 3.9500 by changing the saturation by 10% instead.

■ 89.4960, -42.6425,
3.9500

■ 89.4960, -42.6425,
3.9500

■ 254.5440, -1.7472,
0.3999

■ 67.5910, -33.3224,
1.2357

■ 141.8920,
-39.8798, 4.4797

■ 46.6150, -22.9812,
-2.2934

■ 169.0770,
-40.4640, 5.1945

■ 26.8130, -13.2188,
-6.8520

■ 196.1480,
-41.4850, 6.0092

■ 6.4570, -3.1833,
-5.6628

■ 224.9200,
-42.3586, 6.2092

■ 0.0000, 0.0000,
0.0000

■ 244.8540,
-38.8750, 8.8980

■ 248.0460,

-26.6447, 6.0987

■ 251.2380,
-14.4143, 3.2993

■ 89.4960, -42.6425,
3.9500

■ 89.4960, -42.6425,
3.9500

■ 89.1540, -43.9529,
4.2499

■ 90.9350, -38.4220,
3.5650

■ 92.4880, -33.7646,
3.0800

■ 93.9270, -29.5440,
2.6950

■ 95.4800, -24.8866,
2.2100

■ 96.9190, -20.6661,
1.8250

■ 98.3580, -16.4455,
1.4400

■ 99.9110, -11.7881,
0.9551

■ 101.3500, -7.5675,
0.5701

■ 102.9030, -2.9102,
0.0851

Harmonies

Analogous

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



92.9280, -44.3345, 33.3891



89.4960, -42.6425, 3.9500



82.8620, -21.1310, -35.8360

Triad

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



89.4960, -42.6425, 3.9500



85.6310, 36.1709, -75.0984



96.8930, 9.4198, 58.8528

Complementary

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



89.4960, -42.6425, 3.9500



17.5040, 42.6425, -3.9500

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.



101.5220, 25.3787, 26.7292



89.4960, -42.6425, 3.9500



83.8020, 46.9326, -73.4944

Square

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



89.4960, -42.6425, 3.9500



82.7010, 19.8674, -72.5288



94.6770, 40.0922, -26.0267



94.3120, -9.5208, 67.2554

Rectangle

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



89.4960, -42.6425, 3.9500



75.1430, -4.0145, -65.9004



94.6770, 40.0922, -26.0267



98.9180, 14.8304, 50.0609

Sweetspot

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



89.4960, -42.6425, 3.9500



129.3580, -16.4455, 1.4400



37.8950, -17.2032, 57.9741



65.3670, -10.0409, 0.5551



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.



89.4960, -42.6425, 3.9500



115.7230, -57.0514, 5.5049



74.8450, -35.4196, -26.1741



50.1310, -2.0366, -0.1149



98.3020, -48.4629, 4.1201



207.2360, -102.1673, 9.4400

Inverse Universe

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



17.5040, 42.6425, -3.9500



19.2770, 57.0514, -5.5049



32.1550, 35.4196, 26.1741



46.5700, 2.1840, -0.4999



16.3990, 48.6103, -4.7349



34.7640, 102.1673, -9.4400

Previews

White Background



This preview shows how the YUV color 89.4960, -42.6425, 3.9500 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 89.4960, -42.6425, 3.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

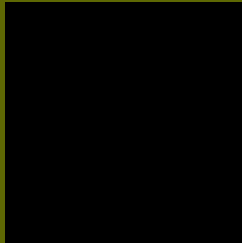
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4960, -42.6425, 3.9500

Background



This preview shows how black text looks on a background with the YUV color 89.4960, -42.6425, 3.9500.



This preview shows how white text looks on a background with the YUV color 89.4960, -42.6425,

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

89.4960, -42.6425, 3.9500

Protanopia

91.3020, -45.0119, 17.2751

Deuteranopia

93.6050, -37.7663, 26.6564



Tritanopia

99.2930, 2.3206, 2.3740

Trichromacy



Original Color

89.4960, -42.6425, 3.9500

Protanomaly

90.7960, -44.2694, 12.4569

Deuteranomaly

92.0940, -39.4863, 18.3346

Tritanomaly

95.9390, -14.2669, 2.6845

Monochromacy



Original Color

89.4960, -42.6425, 3.9500

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9990, -15.2825, 1.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4960, -42.6425, 3.9500 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(94, 104, 3)` looks like.

```
.text, #text, p{  
    color:rgb(94, 104, 3)  
}
```

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(94, 104, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 104, 3) }
```

Border

The CSS property to change the border of an element to YUV 89.4960, -42.6425, 3.9500 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(94, 104, 3) }
```


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

```
.border{ border-color:rgb(94, 104, 3) }
```

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

Here you see how a box with a 4 pixel rgb(94, 104, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 104, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 104, 3);  
box-shadow:4px 4px 4px 4px rgb(94, 104, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.4960, -42.6425, 3.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 104, 3) }
```

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

```
.background{ background-color: rgb(94, 104,  
3) }
```

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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