

Converting Colors

YUV(89.5210, 10.0961, 28.4841)

Have a look what the booklet for
YUV(89.5210, 10.0961, 28.4841)
contains.

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Color

**YUV(89.5210, 10.0961,
28.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	7A456E
RGB	122, 69, 110
RGB Percent	48%, 27%, 43%
CMY	0.5216, 0.7294, 0.5686
CMYK	0.00, 0.43, 0.10, 0.52
HSL	314°, 28%, 37%
HSV	314°, 43%, 48%
XYZ	12.9686, 9.5196, 15.9058
YIQ	89.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

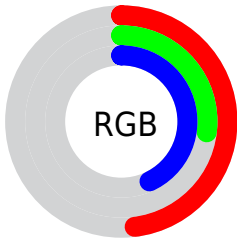
Format	Color
R_{YB}	122, 69, 110
Decimal	8013166
CIE _{Lab}	36.97, 29.11, -14.01
CIE _{LCh}	37, 32.303, 334.294
Yxy	9.5196, 0.3378, 0.2479
Android (android.graphics.Color)	4286203246 (0xFF7A456E)
YUV	89.5210, 10.0961, 28.4841
Hunter-Lab	30.8539, 21.0337, -8.9675

Details

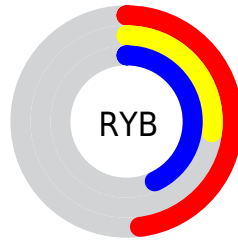
The YUV color **89.5210, 10.0961, 28.4841** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **101.4790, -10.0961, -28.4841**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9450, 10.3801, 30.7432**, and **41.5100, 10.1016, 26.7397** is the 20% darker color. If you saturate the color by 10%, you get **82.1350, 12.2584, 34.9616**, and if you desaturate by 10%, it is **96.9070, 7.9338, 22.0066**.

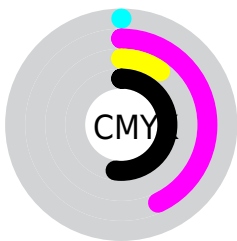
Distribution



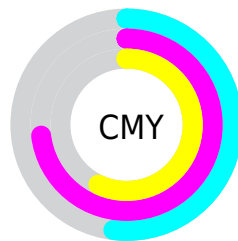
- Red (48%)
- Green (27%)
- Blue (43%)



- Red (48%)
- Yellow (27%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5210, 10.0961, 28.4841 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 89.5210, 10.0961, 28.4841 by changing the saturation by 10% instead.

89.5210, 10.0961,
28.4841

89.5210, 10.0961,
28.4841

255.0000, 0.0000,
0.0000

64.9230, 10.3910,
27.2545

140.9450, 10.3801,
30.7432

41.5100, 10.1016,
26.7397

167.3580, 10.6695,
31.2580

18.9120, 10.3964,
25.5102

195.0700, 10.8115,
32.3876

9.6410, 4.6140,
13.4698

220.9880, 11.8379,
29.8285

0.0000, 0.0000,
0.0000

238.5640, 8.1029,
14.4144

89.5210, 10.0961,
28.4841

89.5210, 10.0961,
28.4841

82.1350, 12.2584,
34.9616

96.9070, 7.9338,
22.0066

74.7490, 14.4207,
41.4391

104.2930, 5.7716,
15.5290

66.8900, 17.3092,
48.3315

112.1520, 2.8831,
8.6367

59.5040, 19.4715,
54.8090

119.5380, 0.7208,
2.1592

52.1180, 21.6338,
61.2865

126.9240, -1.4415,
-4.3183

47.1940, 23.0754,
65.6049

134.3100, -3.6038,
-10.7959

141.5820, -6.2029,
-17.1734

149.5550, -8.6546,

-24.1657

■ 156.9410,
-10.8169, -30.6433

Harmonies

Analogous

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



89.2990, 20.0656, 4.1228



89.5210, 10.0961, 28.4841



88.0960, -2.0193, 41.1348

Triad

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



89.5210, 10.0961, 28.4841



84.4320, -25.3560, 12.7761



71.3370, 22.0189, -62.5625

Complementary

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



89.5210, 10.0961, 28.4841



101.4790, -10.0961, -28.4841

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.



68.9600, 10.3727, -60.4779



89.5210, 10.0961, 28.4841



81.1950, -19.3231, -8.9410

Square

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



89.5210, 10.0961, 28.4841



85.6390, -22.5000, 30.1346



75.1730, -6.0013, -35.2317



71.5140, 30.3126, -62.7178

Rectangle

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



89.5210, 10.0961, 28.4841



86.7450, -9.7343, 42.3196



75.1730, -6.0013, -35.2317



71.0120, 18.2351, -62.2775

Sweetspot

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



89.5210, 10.0961, 28.4841



145.6900, 3.6038, 10.7959



78.3310, 21.5288, 1.4637



71.0270, 2.4517, 6.9923



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.5210, 10.0961, 28.4841



107.7000, 15.4309, 44.1131



86.5570, -1.2606, 31.0835



57.3640, 1.2995, 3.1888



48.4330, 23.9435, 67.1493



97.5780, 48.0290, 135.4281

Inverse Universe

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



89.5210, 10.0961, 28.4841



107.7000, 15.4309, 44.1131



104.4430, 1.2606, -31.0835



57.3640, 1.2995, 3.1888



48.4330, 23.9435, 67.1493



97.5780, 48.0290, 135.4281

Previews

White Background



This preview shows how the YUV color 89.5210, 10.0961, 28.4841 looks on a white background.

Color Contrast Check

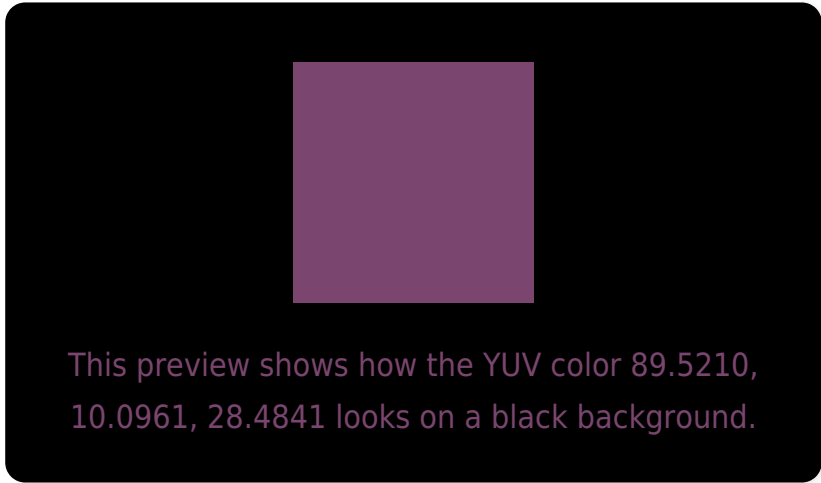
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

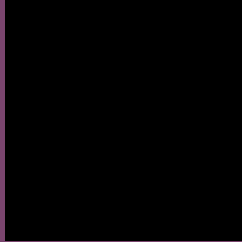
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5210, 10.0961, 28.4841

Background



This preview shows how black text looks on a background with the YUV color 89.5210, 10.0961, 28.4841.



This preview shows how white text looks on a background with the YUV color 89.5210, 10.0961,

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

89.5210, 10.0961, 28.4841

Protanopia

87.2280, 17.6356, -9.8470

Deuteranopia

88.3940, 9.1728, -2.0995



Tritanopia

88.8400, -3.8651, 26.4503

Trichromacy



Original Color

89.5210, 10.0961, 28.4841

Protanomaly

88.2190, 14.6820, 4.1929

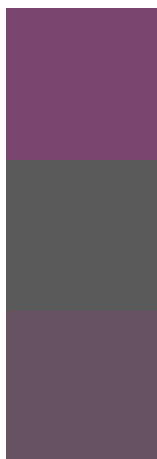
Deuteranomaly

88.8730, 9.4296, 8.8814

Tritanomaly

89.2190, 1.3710, 26.9949

Monochromacy



Original Color

89.5210, 10.0961, 28.4841

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6900, 3.6038, 10.7959

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5210, 10.0961, 28.4841 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(122, 69, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 69, 110)  
}
```

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(122, 69, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 69, 110) }
```

Border

The CSS property to change the border of an element to YUV 89.5210, 10.0961, 28.4841 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(122, 69, 110) }
```


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

```
.border{ border-color:rgb(122, 69, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 69, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 69, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 69, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 69,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 89.5210, 10.0961, 28.4841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 69, 110) }
```

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

```
.background{ background-color: rgb(122, 69,  
110) }
```

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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