

Converting Colors

YUV(109.5210, 10.0961,
28.4841)

Have a look what the booklet for
YUV(109.5210, 10.0961, 28.4841)
contains.

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Color

**YUV(109.5210, 10.0961,
28.4841)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5982
RGB	142, 89, 130
RGB Percent	56%, 35%, 51%
CMY	0.4431, 0.6510, 0.4902
CMYK	0.00, 0.37, 0.08, 0.44
HSL	314°, 23%, 45%
HSV	314°, 37%, 56%
XYZ	18.7570, 14.5072, 22.9307
YIQ	109.5210, 18.4270, 23.9870

Conversions

Conversions Part 2

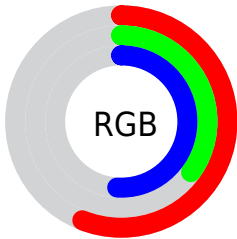
Format	Color
R_{YB}	142, 89, 130
Decimal	9329026
CIE _{Lab}	44.95, 28.38, -13.90
CIE _{LCh}	45, 31.601, 333.901
Yxy	14.5072, 0.3338, 0.2582
Android (android.graphics.Color)	4287519106 (0xFF8E5982)
YUV	109.5210, 10.0961, 28.4841
Hunter-Lab	38.0884, 21.2493, -9.0330

Details

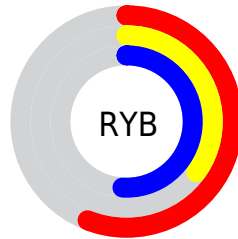
The YUV color **109.5210, 10.0961, 28.4841** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **121.4790, -10.0961, -28.4841**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9450, 10.3801, 30.7432**, and **60.2110, 10.2490, 26.1250** is the 20% darker color. If you saturate the color by 10%, you get **100.9610, 12.8372, 35.9912**, and if you desaturate by 10%, it is **118.0810, 7.3551, 20.9770**.

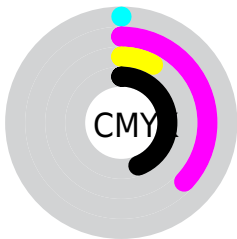
Distribution



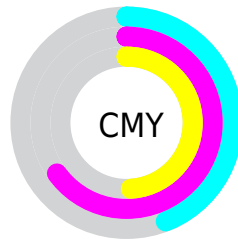
- Red (56%)
- Green (35%)
- Blue (51%)



- Red (56%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5210, 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 109.5210, 10.0961, 28.4841 by changing the saturation by 10% instead.

109.5210, 10.0961,
28.4841

109.5210, 10.0961,
28.4841

255.0000, 0.0000,
0.0000

84.8090, 9.9542,
27.3545

161.9450, 10.3801,
30.7432

60.2110, 10.2490,
26.1250

189.3580, 10.6695,
31.2580

36.9120, 10.3964,
25.5102

217.0700, 10.8115,
32.3876

16.9610, 9.3862,
22.8362

235.6290, 9.5499,
16.9884

4.7710, 4.0569,
5.4628

252.6520, 1.1576,
2.0592

0.0000, 0.0000,
0.0000

109.5210, 10.0961,
28.4841

109.5210, 10.0961,
28.4841

100.9610, 12.8372,
35.9912

118.0810, 7.3551,
20.9770

92.4010, 15.5783,
43.4983

126.6410, 4.6140,
13.4698

83.1400, 18.1720,
51.6202

135.9020, 2.0203,
5.3479

74.5800, 20.9131,
59.1273

144.4620, -0.7208,
-2.1592

66.0200, 23.6541,
66.6345

153.0220, -3.4618,
-9.6663

57.4600, 26.3952,
74.1416


161.5820, -6.2029,
-17.1734

54.9980, 27.1160,
76.3008

170.2560, -8.5072,
-24.7805

179.4030,

-11.5377, -32.8024

 187.9630,
-14.2788, -40.3096

Harmonies

Analogous

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



108.4130, 20.5024, 4.0228



109.5210, 10.0961, 28.4841



108.3950, -2.1667, 41.7496

Triad

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



109.5210, 10.0961, 28.4841



103.8450, -25.0666, 13.2909



85.2430, 24.5302, -74.7581

Complementary

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



109.5210, 10.0961, 28.4841



121.4790, -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.



82.8660, 12.8841, -72.6735



109.5210, 10.0961, 28.4841



100.7930, -19.6179, -7.7115

Square

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



109.5210, 10.0961, 28.4841



105.8240, -23.0842, 30.8494



95.9560, -6.8803, -33.2874



84.9470, 33.5501, -74.4985

Rectangle

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



109.5210, 10.0961, 28.4841



106.9300, -10.3185, 43.0344



95.9560, -6.8803, -33.2874



84.9180, 20.7464, -74.4731

Sweetspot

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



109.5210, 10.0961, 28.4841



171.1030, 3.8932, 11.3107



98.3310, 21.5288, 1.4637



84.6140, 2.1623, 6.4775



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



109.5210, 10.0961, 28.4841



133.1130, 15.7203, 44.6279



106.5570, -1.2606, 31.0835



66.7770, 1.5889, 3.7036



52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Inverse Universe

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



109.5210, 10.0961, 28.4841



133.1130, 15.7203, 44.6279



124.4430, 1.2606, -31.0835



66.7770, 1.5889, 3.7036



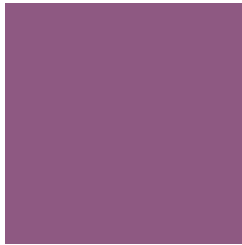
52.3350, 25.9638, 72.4972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 109.5210, 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 × Fail

Black Background



This preview shows how the YUV color 109.5210, 10.0961, 28.4841 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 109.5210, 10.0961, 28.4841

Background



This preview shows how black text looks on a background with the YUV color 109.5210, 10.0961, 28.4841.



This preview shows how white text looks on a background with the YUV color 109.5210, 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

109.5210, 10.0961, 28.4841

Protanopia

106.8260, 17.3408, -8.6174

Deuteranopia

107.5190, 9.6041, -0.4552



Tritanopia

108.9540, -3.4283, 26.3503

Trichromacy



Original Color

109.5210, 10.0961, 28.4841

Protanomaly

107.6320, 14.9714, 4.7077

Deuteranomaly

108.5850, 9.5716, 10.0110

Tritanomaly

109.2190, 1.3710, 26.9949

Monochromacy



Original Color

109.5210, 10.0961, 28.4841

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6900, 3.6038, 10.7959

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5210, 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(142, 89, 130)` looks like.

```
.text, #text, p{  
    color:rgb(142, 89, 130)  
}
```

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(142, 89, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 89, 130) }
```

Border

The CSS property to change the border of an element to YUV 109.5210, 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(142, 89, 130) }
```


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

```
.border{ border-color:rgb(142, 89, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 89, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 89, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 89, 130);  
box-shadow:4px 4px 4px 4px rgb(142, 89,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 109.5210, 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(142, 89, 130) }
```

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

```
.background{ background-color: rgb(142, 89,  
130) }
```

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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