

Converting Colors

YUV(109.8320, -52.1752,
28.2113)

Have a look what the booklet for
YUV(109.8320, -52.1752, 28.2113)
contains.

YUV(109.8320, -52.1752, 28.2113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(109.8320, -52.1752,
28.2113)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7204
RGB	142, 114, 4
RGB Percent	56%, 45%, 2%
CMY	0.4431, 0.5529, 0.9843
CMYK	0.00, 0.20, 0.97, 0.44
HSL	48°, 95%, 29%
HSV	48°, 97%, 56%
XYZ	17.1946, 17.7942, 2.6432
YIQ	109.8320, 51.9980, -28.2740

Conversions

Conversions Part 2

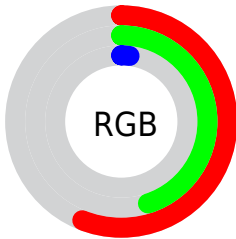
Format	Color
R_{YB}	39, 142, 4
Decimal	9335300
CIE Lab	49.25, 1.55, 54.58
CIE LCh	49, 54.604, 88.370
Yxy	17.7942, 0.4569, 0.4728
Android (android.graphics.Color)	4287525380 (0xFF8E7204)
YUV	109.8320, -52.1752, 28.2113
Hunter-Lab	42.1831, -1.0609, 25.8130

Details

The YUV color **109.8320, -52.1752, 28.2113** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **36.1680, 52.1752, -28.2113**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1790, -48.4022, 31.4150**, and **65.3420, -32.2136, 18.9941** is the 20% darker color. If you saturate the color by 10%, you get **108.7890, -53.6330, 29.1260**, and if you desaturate by 10%, it is **113.1890, -46.9282, 25.2672**.

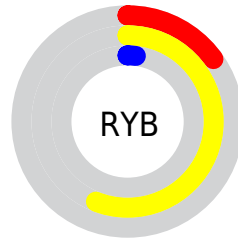
Distribution



Red (56%)

Green (45%)

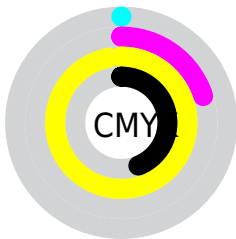
Blue (2%)



Red (15%)

Yellow (56%)

Blue (2%)

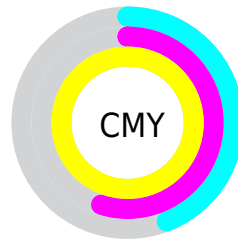


Cyan (0%)

Magenta (20%)

Yellow (97%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.8320, -52.1752, 28.2113 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 109.8320, -52.1752, 28.2113 by changing the saturation by 10% instead.

■ 109.8320,
-52.1752, 28.2113

■ 109.8320,
-52.1752, 28.2113

■ 255.0000, 0.0000,
0.0000

■ 86.9160, -42.8496,
23.7527

■ 164.1790,
-48.4022, 31.4150

■ 65.3420, -32.2136,
18.9941

■ 192.2500,
-49.4232, 32.2298

■ 44.6540, -22.0144,
14.3354

■ 218.8370,
-49.7126, 31.7150

■ 25.4390, -12.5414,
9.2620


■ 238.9380,
-46.3114, 14.0864

■ 0.0000, 0.0000,
0.0000

■ 245.5380,
-36.2542, 8.2982

■ 248.8440,


-23.5871, 5.3988


 252.0360,
-11.3567, 2.5994


 109.8320,
-52.1752, 28.2113


 109.8320,
-52.1752, 28.2113


 108.7890,
-53.6330, 29.1260

 113.1890,
-46.9282, 25.2672

 116.5460,
-41.6812, 22.3232

 120.0170,
-35.9974, 19.2791

 123.3740,
-30.7504, 16.3350

 126.1440,
-25.2140, 13.9057

■ 129.5010,
-19.9670, 10.9616

■ 132.8580,
-14.7200, 8.0175

■ 136.3290, -9.0362,
4.9735

■ 139.6860, -3.7892,
2.0294

Harmonies

Analogous

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



113.3790, -38.1478, 55.7956



109.8320, -52.1752, 28.2113



105.9890, -40.4206, -8.7604

Triad

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



109.8320, -52.1752, 28.2113



99.2460, 29.9517, -87.0387



119.6490, 22.8510, 44.1578

Complementary

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



109.8320, -52.1752, 28.2113



36.1680, 52.1752, -28.2113

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.



118.0970, 39.8852, -6.2241



109.8320, -52.1752, 28.2113



100.8880, 46.3972, -88.4788

Square

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



109.8320, -52.1752, 28.2113



93.8880, 9.4222, -82.3398



96.1410, 56.1325, -84.3157



114.4880, 3.7034, 72.3630

Rectangle

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



109.8320, -52.1752, 28.2113



100.3300, -24.3197, -39.7544



96.1410, 56.1325, -84.3157



120.7550, 28.7148, 30.0329

Sweetspot

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



109.8320, -52.1752, 28.2113



171.3870, -20.4038, 11.0616



48.6820, -7.2382, 81.8399



84.2430, -11.9518, 6.8029



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.



109.8320, -52.1752, 28.2113



140.7180, -69.3740, 37.9583



114.6070, -54.5293, -10.1793



69.6150, -2.7682, 1.2146



103.7610, -51.1542, 27.3966



5.9140, -2.9156, 1.8294

Inverse Universe

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



36.1680, 52.1752, -28.2113



42.6950, 69.6634, -37.4435



31.3930, 54.5293, 10.1793



65.9720, 2.4788, -1.7294



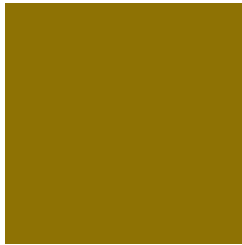
31.2390, 51.1542, -27.3966



2.0860, 2.9156, -1.8294

Previews

White Background



This preview shows how the YUV color 109.8320, -52.1752, 28.2113 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 109.8320, -52.1752, 28.2113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

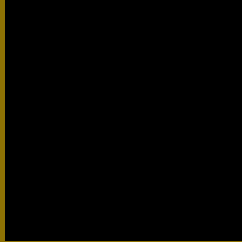
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.8320, -52.1752, 28.2113

Background



This preview shows how black text looks on a background with the YUV color 109.8320, -52.1752, 28.2113.



This preview shows how white text looks on a background with the YUV color 109.8320, -52.1752, 28.2113.

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

109.8320, -52.1752, 28.2113

Protanopia

109.5320, -50.5483, 19.7044

Deuteranopia

110.5490, -49.5707, 32.8445



Tritanopia

119.4700, -2.6967, 25.0208

Trichromacy



Original Color

109.8320, -52.1752, 28.2113

Protanomaly

110.0270, -51.2853, 22.7783

Deuteranomaly

110.3100, -50.4388, 31.3001

Tritanomaly

116.0730, -20.7420, 26.2460

Monochromacy



Original Color

109.8320, -52.1752, 28.2113

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7290, -19.0934, 10.7617

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8320, -52.1752, 28.2113 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, 114, 4)` looks like.

```
.text, #text, p{  
    color:rgb(142, 114, 4)  
}
```

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, 114, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 114, 4) }
```

Border

The CSS property to change the border of an element to YUV 109.8320, -52.1752, 28.2113 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, 114, 4) }
```


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

```
.border{ border-color:rgb(142, 114, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 114, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 114, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 114, 4);  
box-shadow:4px 4px 4px 4px rgb(142, 114,  
4) }
```

Background

The CSS property to change the background color of an element to YUV 109.8320, -52.1752, 28.2113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 114, 4) }
```

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

```
.background{ background-color: rgb(142,  
114, 4) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor