

Converting Colors

YUV(100.2320, -25.2574,
27.8605)

Have a look what the booklet for
YUV(100.2320, -25.2574, 27.8605)
contains.

YUV(100.2320, -25.2574, 27.8605)	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(100.2320, -25.2574,
27.8605)**

Conversions

Conversions Part 1

Format	Color
Hex	845E31
RGB	132, 94, 49
RGB Percent	52%, 37%, 19%
CMY	0.4824, 0.6314, 0.8078
CMYK	0.00, 0.29, 0.63, 0.48
HSL	33°, 46%, 35%
HSV	33°, 63%, 52%
XYZ	14.0728, 13.1327, 4.6989
YIQ	100.2320, 37.0930, -5.9390

Conversions

Conversions Part 2

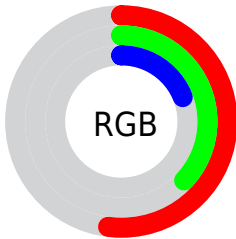
Format	Color
R_{YB}	119, 132, 49
Decimal	8674865
CIE _{Lab}	42.96, 10.37, 31.51
CIE _{LCh}	43, 33.169, 71.788
Yxy	13.1327, 0.4411, 0.4116
Android (android.graphics.Color)	4286864945 (0xFF845E31)
YUV	100.2320, -25.2574, 27.8605
Hunter-Lab	36.2391, 5.8990, 17.6796

Details

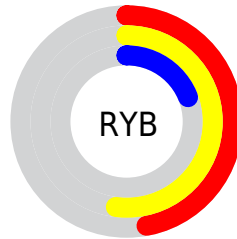
The YUV color **100.2320, -25.2574, 27.8605** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.7680, 25.2574, -27.8605**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7980, -27.0154, 31.7492**, and **52.0250, -24.6623, 23.6571** is the 20% darker color. If you saturate the color by 10%, you get **95.2280, -29.1994, 32.2490**, and if you desaturate by 10%, it is **105.2360, -21.3153, 23.4720**.

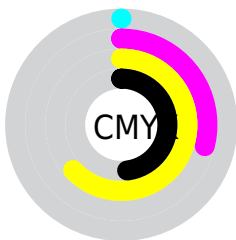
Distribution



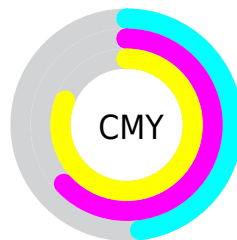
- Red (52%)
- Green (37%)
- Blue (19%)



- Red (47%)
- Yellow (52%)
- Blue (19%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.2320, -25.2574, 27.8605 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 100.2320, -25.2574, 27.8605 by changing the saturation by 10% instead.

100.2320,
-25.2574, 27.8605

100.2320,
-25.2574, 27.8605

255.0000, 0.0000,
0.0000

75.4490, -24.3784,
25.9162

151.7980,
-27.0154, 31.7492

52.0250, -24.6623,
23.6571

178.8690,
-28.0364, 32.5639

31.9950, -15.7735,
19.2984

206.6520,
-28.9154, 34.5082

10.1440, -5.0010,
17.4137

228.8570,
-26.5515, 22.9274

0.0000, 0.0000,
0.0000

248.9580,
-23.1503, 5.2988

252.2640,

-10.4832, 2.3995

■ 100.2320,
-25.2574, 27.8605

■ 100.2320,
-25.2574, 27.8605

■ 95.2280, -29.1994,
32.2490

■ 105.2360,
-21.3153, 23.4720

■ 90.2240, -33.1414,
36.6376

■ 110.2400,
-17.3733, 19.0835

■ 85.1060, -37.5203,
41.1260

■ 115.3580,
-12.9945, 14.5950

■ 81.7320, -40.2939,
44.0850

■ 120.3620, -9.0525,
10.2065

■ 125.3660, -5.1104,
5.8180

■ 130.3700, -1.1684,
1.4295

■ 135.3740, 2.7736,
-2.9590

■ 140.4920, 7.1524,
-7.4475

■ 145.4960, 11.0945,
-11.8360

Harmonies

Analogous

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



101.3830, -17.4438, 41.7601



100.2320, -25.2574, 27.8605



97.9970, -25.6345, 8.7726

Triad

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



100.2320, -25.2574, 27.8605



80.8600, 15.3520, -70.9142



104.4140, 19.0229, 11.9149

Complementary

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



100.2320, -25.2574, 27.8605



80.7680, 25.2574, -27.8605

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.



99.6810, 27.2723, -20.7682



100.2320, -25.2574, 27.8605



82.5360, 26.8508, -72.3841

Square

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



100.2320, -25.2574, 27.8605



87.4430, -2.1904, -44.2385



81.4250, 35.2865, -71.4097



104.1690, 7.3117, 34.9318

Rectangle

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



100.2320, -25.2574, 27.8605



95.7500, -21.0757, -6.7968



81.4250, 35.2865, -71.4097



103.7440, 21.8182, 1.9785

Sweetspot

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



100.2320, -25.2574, 27.8605



158.4330, -10.0735, 11.0213



78.2630, 4.8003, 47.1273



79.4370, -6.1314, 6.6328



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



100.2320, -25.2574, 27.8605



121.7750, -38.8361, 43.1703



121.6410, -35.8120, 6.4538



63.5550, -1.7526, 2.1443



80.5470, -39.7097, 43.3703



1.4840, -0.7316, 1.3295

Inverse Universe

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



80.7680, 25.2574, -27.8605



91.6380, 39.1255, -42.6555



59.3590, 35.8120, -6.4538



62.4450, 1.7526, -2.1443



50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 100.2320, -25.2574, 27.8605 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 100.2320, -25.2574, 27.8605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

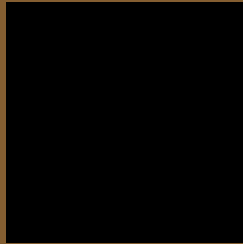
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.2320, -25.2574, 27.8605

Background



This preview shows how black text looks on a background with the YUV color 100.2320, -25.2574, 27.8605.



This preview shows how white text looks on a background with the YUV color 100.2320, -25.2574,

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

100.2320, -25.2574, 27.8605

Protanopia

99.2900, -23.3140, 11.1467

Deuteranopia

100.0850, -25.6779, 22.7275



Tritanopia

103.4380, -4.1599, 27.6799

Trichromacy



Original Color

100.2320, -25.2574, 27.8605

Protanomaly

99.5080, -23.9144, 17.0945

Deuteranomaly

100.0960, -25.6833, 24.4718

Tritanomaly

102.3750, -12.0169, 27.7351

Monochromacy



Original Color

100.2320, -25.2574, 27.8605

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2480, -9.4893, 10.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.2320, -25.2574, 27.8605 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(132, 94, 49)` looks like.

```
.text, #text, p{  
    color:rgb(132, 94, 49)  
}
```

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(132, 94, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 94, 49) }
```

Border

The CSS property to change the border of an element to YUV 100.2320, -25.2574, 27.8605 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(132, 94, 49) }
```


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

```
.border{ border-color:rgb(132, 94, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 94, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 94, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 94, 49);  
box-shadow:4px 4px 4px 4px rgb(132, 94,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 100.2320, -25.2574, 27.8605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 94, 49) }
```

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

```
.background{ background-color: rgb(132, 94,  
49) }
```

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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