

Converting Colors

YUV(81.2100, -25.2465,
24.3718)

Have a look what the booklet for
YUV(81.2100, -25.2465, 24.3718)
contains.

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Color

**YUV(81.2100, -25.2465,
24.3718)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4D1E
RGB	109, 77, 30
RGB Percent	43%, 30%, 12%
CMY	0.5725, 0.6980, 0.8824
CMYK	0.00, 0.29, 0.72, 0.57
HSL	36°, 57%, 27%
HSV	36°, 72%, 43%
XYZ	9.1949, 8.6527, 2.4138
YIQ	81.2100, 34.1590, -7.8330

Conversions

Conversions Part 2

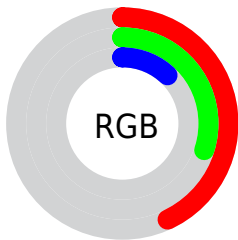
Format	Color
R_{YB}	84, 109, 30
Decimal	7163166
CIE _{Lab}	35.31, 8.38, 32.28
CIE _{LCh}	35, 33.346, 75.446
Yxy	8.6527, 0.4538, 0.4271
Android (android.graphics.Color)	4285353246 (0xFF6D4D1E)
YUV	81.2100, -25.2465, 24.3718
Hunter-Lab	29.4155, 4.3197, 15.7255

Details

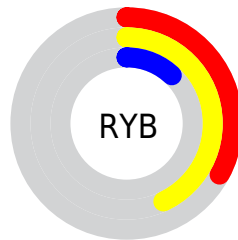
The YUV color **81.2100, -25.2465, 24.3718** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **57.7900, 25.2465, -24.3718**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3630, -27.2940, 27.7456**, and **36.7130, -18.0995, 18.6687** is the 20% darker color. If you saturate the color by 10%, you get **77.6080, -28.8937, 27.5308**, and if you desaturate by 10%, it is **84.8120, -21.5993, 21.2129**.

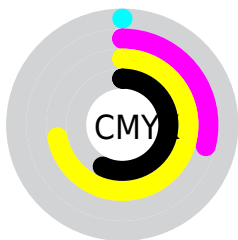
Distribution



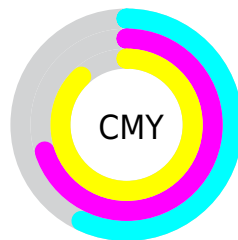
- Red (43%)
- Green (30%)
- Blue (12%)



- Red (33%)
- Yellow (43%)
- Blue (12%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (57%)



- Cyan (57%)
- Magenta (70%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.2100, -25.2465, 24.3718 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 81.2100, -25.2465, 24.3718 by changing the saturation by 10% instead.

81.2100, -25.2465,
24.3718

81.2100, -25.2465,
24.3718

255.0000, 0.0000,
0.0000

57.1990, -25.2411,
22.6275

131.3630,
-27.2940, 27.7456

36.7130, -18.0995,
18.6687

157.8470,
-28.0256, 29.0752

17.2100, -8.4845,
14.7248

184.6300,
-28.9046, 31.0195

0.0000, 0.0000,
0.0000

213.1140,
-29.6362, 32.3490

234.1230,
-26.6826, 18.3091

249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

81.2100, -25.2465,
24.3718

81.2100, -25.2465,
24.3718

77.6080, -28.8937,
27.5308

84.8120, -21.5993,
21.2129

73.4190, -32.2516,
31.2045

89.0010, -18.2415,
17.5391

70.7460, -34.8778,
33.5488

92.6030, -14.5943,
14.3802

96.7920, -11.2365,
10.7064

100.2800, -8.0260,
7.6474

■ 103.8820, -4.3788,
4.4885

■ 108.0710, -1.0210,
0.8147

■ 111.6730, 2.6262,
-2.3442

■ 115.8620, 5.9840,
-6.0180

Harmonies

Analogous

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



82.2470, -17.8698, 38.3714



81.2100, -25.2465, 24.3718



79.2030, -24.7501, 5.0840

Triad

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



81.2100, -25.2465, 24.3718



67.2960, 14.1511, -59.0186



85.3820, 17.5597, 14.5740

Complementary

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



81.2100, -25.2465, 24.3718



57.7900, 25.2465, -24.3718

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.



81.3610, 25.9510, -16.9796



81.2100, -25.2465, 24.3718



69.4450, 24.9236, -60.9033

Square

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



81.2100, -25.2465, 24.3718



63.6310, 2.6469, -55.8044



68.1060, 32.4857, -59.7290



84.8270, 6.0013, 35.2317

Rectangle

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



81.2100, -25.2465, 24.3718



76.8960, -19.1757, -9.5558



68.1060, 32.4857, -59.7290



85.1250, 20.6444, 5.1524

Sweetspot

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



81.2100, -25.2465, 24.3718



131.7210, -10.2155, 9.8917



57.3830, 2.7692, 45.2681



64.8390, -5.8366, 5.4032



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



81.2100, -25.2465, 24.3718



98.9270, -39.4040, 38.6520



97.9010, -33.4752, 3.5948



51.5550, -1.7526, 2.1443



76.0730, -37.5040, 35.8930



158.9570, -78.3658, 75.4597

Inverse Universe

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



57.7900, 25.2465, -24.3718



62.4860, 39.6934, -38.1372



41.0990, 33.4752, -3.5948



49.8580, 2.0420, -1.6295



41.5140, 37.2146, -36.4078



86.0430, 78.3658, -75.4597

Previews

White Background



This preview shows how the YUV color 81.2100, -25.2465, 24.3718 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



This preview shows how the YUV color 81.2100, -25.2465, 24.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

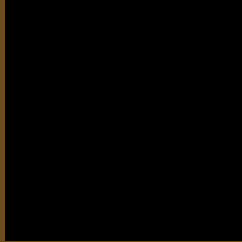
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.2100, -25.2465, 24.3718

Background



This preview shows how black text looks on a background with the YUV color 81.2100, -25.2465, 24.3718.



This preview shows how white text looks on a background with the YUV color 81.2100, -25.2465,

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

81.2100, -25.2465, 24.3718

Protanopia

80.7630, -24.0402, 10.7318

Deuteranopia

80.7750, -25.5251, 20.3683



Tritanopia

84.6440, -3.2755, 23.9912

Trichromacy



Original Color

81.2100, -25.2465, 24.3718

Protanomaly

80.6820, -24.4932, 16.0649

Deuteranomaly

80.7860, -25.5305, 22.1127

Tritanomaly

83.5810, -11.1324, 24.0465

Monochromacy



Original Color

81.2100, -25.2465, 24.3718

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2370, -9.4838, 8.5622

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.2100, -25.2465, 24.3718 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(109, 77, 30)` looks like.

```
.text, #text, p{  
    color:rgb(109, 77, 30)  
}
```

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(109, 77, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 77, 30) }
```

Border

The CSS property to change the border of an element to YUV 81.2100, -25.2465, 24.3718 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(109, 77, 30) }
```


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

```
.border{ border-color:rgb(109, 77, 30) }
```

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

Here you see how a box with a 4 pixel rgb(109, 77, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 77, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 77, 30);  
box-shadow:4px 4px 4px 4px rgb(109, 77,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 81.2100, -25.2465, 24.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 77, 30) }
```

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

```
.background{ background-color: rgb(109, 77,  
30) }
```

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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