

Converting Colors

YUV(80.9360, -16.2374,
28.1201)

Have a look what the booklet for
YUV(80.9360, -16.2374, 28.1201)
contains.

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Color

**YUV(80.9360, -16.2374,
28.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	714730
RGB	113, 71, 48
RGB Percent	44%, 28%, 19%
CMY	0.5569, 0.7216, 0.8118
CMYK	0.00, 0.37, 0.58, 0.56
HSL	21°, 40%, 32%
HSV	21°, 58%, 44%
XYZ	9.5968, 8.2306, 3.8792
YIQ	80.9360, 32.4150, 1.7510

Conversions

Conversions Part 2

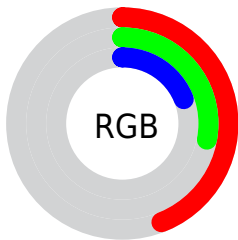
Format	Color
R_{YB}	113, 84, 48
Decimal	7423792
CIE _{Lab}	34.46, 15.33, 21.19
CIE _{LCh}	34, 26.154, 54.108
Yxy	8.2306, 0.4421, 0.3792
Android (android.graphics.Color)	4285613872 (0xFF714730)
YUV	80.9360, -16.2374, 28.1201
Hunter-Lab	28.6890, 9.5045, 12.0654

Details

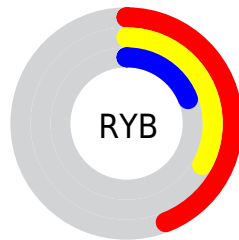
The YUV color **80.9360, -16.2374, 28.1201** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.0640, 16.2374, -28.1201**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0890, -18.2849, 31.4939**, and **34.5010, -16.5160, 24.1166** is the 20% darker color. If you saturate the color by 10%, you get **75.5730, -19.0165, 32.8235**, and if you desaturate by 10%, it is **86.2990, -13.4584, 23.4168**.

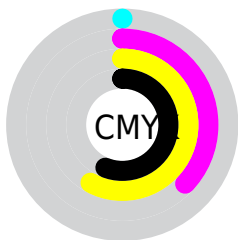
Distribution



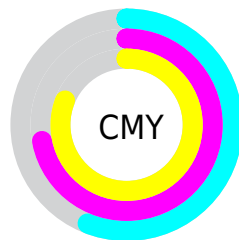
- Red (44%)
- Green (28%)
- Blue (19%)



- Red (44%)
- Yellow (33%)
- Blue (19%)



- Cyan (0%)
- Magenta (37%)
- Yellow (58%)
- Black (56%)





- Cyan (56%)
- Magenta (72%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YUV color 80.9360, -16.2374, 28.1201 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 80.9360, -16.2374, 28.1201 by changing the saturation by 10% instead.


 80.9360, -16.2374,
28.1201

 80.9360, -16.2374,
28.1201


255.0000, 0.0000,
0.0000

 57.2670, -14.9216,
26.0758


 131.0890,
-18.2849, 31.4939


 34.5010, -16.5160,
24.1166


 156.9860,
-18.7271, 33.3383

 13.7100, -6.7590,
21.3023

 184.4700,
-19.4587, 34.6678

 0.0000, 0.0000,
0.0000

 212.0680,
-19.7535, 35.8974

 232.7670,
-16.6471, 19.4983

 251.8080,

-12.2303, 2.7994

■ 80.9360, -16.2374,
28.1201

■ 80.9360, -16.2374,
28.1201

■ 75.5730, -19.0165,
32.8235

■ 86.2990, -13.4584,
23.4168

■ 69.5090, -21.9429,
38.1416

■ 92.3630, -10.5320,
18.0986

■ 64.1460, -24.7220,
42.8450

■ 97.7260, -7.7529,
13.3953

■ 58.7830, -27.5010,
47.5483

■ 103.0890, -4.9739,
8.6919

■ 57.2670, -28.2326,
48.8778

■ 109.1530, -2.0474,
3.3738

■ 114.5160, 0.7316,
-1.3295

■ 119.8790, 3.5107,
-6.0329

■ 125.2420, 6.2897,
-10.7362

■ 131.3060, 9.2161,
-16.0544

Harmonies

Analogous

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



81.7440, -8.2548, 34.4275



80.9360, -16.2374, 28.1201



79.5340, -19.9833, 16.1947

Triad

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



80.9360, -16.2374, 28.1201



67.7510, 4.0668, -44.5086



81.7880, 18.3455, -4.1991

Complementary

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



80.9360, -16.2374, 28.1201



80.0640, 16.2374, -28.1201

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.



74.5780, 23.3790, -32.0789



80.9360, -16.2374, 28.1201



65.0620, 15.7454, -57.0594

Square

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



80.9360, -16.2374, 28.1201



74.1750, -8.9603, -19.4475



65.2390, 24.0392, -57.2146



83.3840, 11.1497, 17.2032

Rectangle

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



80.9360, -16.2374, 28.1201



78.3970, -18.9297, 4.9138



65.2390, 24.0392, -57.2146



80.4880, 19.9724, -12.7060

Sweetspot

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



80.9360, -16.2374, 28.1201



135.7580, -6.2897, 10.7362



72.2230, 8.7641, 35.7614



66.4200, -3.6581, 6.6477



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



80.9360, -16.2374, 28.1201



97.6300, -25.4536, 44.1745



99.7200, -25.4980, 11.6466



52.9680, -1.4632, 2.6591



60.5340, -29.8433, 52.1517



125.5090, -61.8759, 106.5476

Inverse Universe

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



80.0640, 16.2374, -28.1201



96.3700, 25.4536, -44.1745



61.2800, 25.4980, -11.6466



53.0320, 1.4632, -2.6591



58.8790, 30.1327, -51.6369



122.0780, 61.5865, -107.0624

Previews

White Background



This preview shows how the YUV color 80.9360, -16.2374, 28.1201 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 80.9360, -16.2374, 28.1201 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 80.9360, -16.2374, 28.1201

Background



This preview shows how black text looks on a background with the YUV color 80.9360, -16.2374, 28.1201.



This preview shows how white text looks on a background with the YUV color 80.9360, -16.2374,

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

80.9360, -16.2374, 28.1201

Protanopia

80.0860, -13.8464, 7.8176

Deuteranopia

80.7450, -16.6363, 16.0096



Tritanopia

82.6230, -4.7441, 28.3946

Trichromacy



Original Color

80.9360, -16.2374, 28.1201

Protanomaly

80.3150, -14.4523, 15.5097

Deuteranomaly

80.4790, -16.5051, 20.6279

Tritanomaly

81.8850, -8.8173, 28.1649

Monochromacy



Original Color

80.9360, -16.2374, 28.1201

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.9360, -16.2374, 28.1201 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(113, 71, 48)` looks like.

```
.text, #text, p{  
    color:rgb(113, 71, 48)  
}
```

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(113, 71, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 71, 48) }
```

Border

The CSS property to change the border of an element to YUV 80.9360, -16.2374, 28.1201 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(113, 71, 48) }
```


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

```
.border{ border-color:rgb(113, 71, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 71, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 71, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 71, 48);  
box-shadow:4px 4px 4px 4px rgb(113, 71,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 80.9360, -16.2374, 28.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 71, 48) }
```

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

```
.background{ background-color: rgb(113, 71,  
48) }
```

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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