

Converting Colors

YUV(64.9360, -12.7864,
41.2751)

Have a look what the booklet for
YUV(64.9360, -12.7864, 41.2751)
contains.

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Color

**YUV(64.9360, -12.7864,
41.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	702E27
RGB	112, 46, 39
RGB Percent	44%, 18%, 15%
CMY	0.5608, 0.8196, 0.8471
CMYK	0.00, 0.59, 0.65, 0.56
HSL	6°, 48%, 30%
HSV	6°, 65%, 44%
XYZ	8.0253, 5.5452, 2.5668
YIQ	64.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

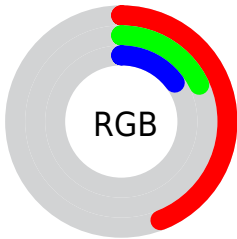
Format	Color
R_{YB}	112, 47, 39
Decimal	7351847
CIE Lab	28.23, 28.69, 18.92
CIE LCh	28, 34.364, 33.407
Yxy	5.5452, 0.4973, 0.3436
Android (android.graphics.Color)	4285541927 (0xFF702E27)
YUV	64.9360, -12.7864, 41.2751
Hunter-Lab	23.5483, 19.6236, 10.0211

Details

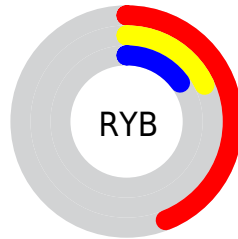
The YUV color **64.9360, -12.7864, 41.2751** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.0640, 12.7864, -41.2751**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.9860, -15.2761, 46.4933**, and **17.6410, -8.6970, 36.2718** is the 20% darker color. If you saturate the color by 10%, you get **57.8120, -14.6973, 47.5229**, and if you desaturate by 10%, it is **72.0600, -10.8756, 35.0274**.

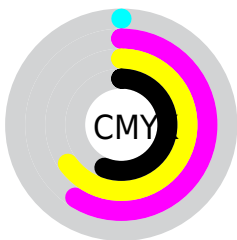
Distribution



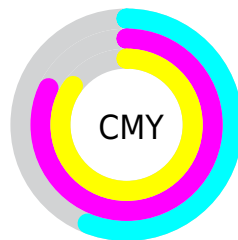
- Red (44%)
- Green (18%)
- Blue (15%)



- Red (44%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (59%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.9360, -12.7864, 41.2751 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 64.9360, -12.7864, 41.2751 by changing the saturation by 10% instead.

■ 64.9360, -12.7864,
41.2751

■ 64.9360, -12.7864,
41.2751

■ 255.0000, 0.0000,
0.0000

■ 40.4950, -10.5970,
39.0309

■ 114.9860,
-15.2761, 46.4933

■ 17.6410, -8.6970,
36.2718

■ 141.3560,
-16.4445, 47.9228

■ 10.5790, -4.7224,
21.4172

■ 168.2530,
-16.8867, 49.7671

■ 0.0000, 0.0000,
0.0000

■ 196.0360,
-17.7657, 51.7114

■ 214.9630,
-13.7858, 35.1124

■ 235.1780, -9.9478,

17.3839

253.6320, -5.2416,
1.1997

64.9360, -12.7864,
41.2751

64.9360, -12.7864,
41.2751

57.8120, -14.6973,
47.5229

72.0600, -10.8756,
35.0274

50.6880, -16.6082,
53.7706

79.1840, -8.9647,
28.7796

43.4500, -18.9558,
60.1184

86.4220, -6.6170,
22.4319

39.9450, -19.6929,
63.1922

94.1330, -4.9956,
15.6694

101.2570, -3.0847,
9.4216

■ 108.3810, -1.1738,
3.1739

■ 115.5050, 0.7370,
-3.0739

■ 122.7430, 3.0847,
-9.4216

■ 129.8670, 4.9956,
-15.6694

Harmonies

Analogous

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



65.5630, -0.2776, 42.4792



64.9360, -12.7864, 41.2751



64.5250, -22.9368, 30.2346

Triad

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



64.9360, -12.7864, 41.2751



50.2860, -4.0850, -43.2238



54.1830, 32.4478, -47.5185

Complementary

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



64.9360, -12.7864, 41.2751



86.0640, 12.7864, -41.2751

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.



57.0210, 28.0906, -50.0074



64.9360, -12.7864, 41.2751



54.2390, 7.2772, -47.5676

Square

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



64.9360, -12.7864, 41.2751



59.9670, -20.1967, -8.7411



57.2030, 18.6339, -50.1670



67.9290, 21.2340, 2.6933

Rectangle

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



64.9360, -12.7864, 41.2751



63.3080, -27.2668, 19.0239



57.2030, 18.6339, -50.1670



55.2430, 31.4322, -48.4481

Sweetspot

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



64.9360, -12.7864, 41.2751



126.4320, -5.1430, 16.2841



68.4650, 18.5048, 38.1802



62.5560, -3.2321, 10.0364



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.



64.9360, -12.7864, 41.2751



72.2440, -19.8403, 63.8070



86.0680, -23.2045, 22.7424



52.3810, -1.1738, 3.1739



42.3370, -20.8721, 68.1105



87.9410, -43.3549, 139.4947

Inverse Universe

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



86.0640, 12.7864, -41.2751



104.7560, 19.8403, -63.8070



64.9320, 23.2045, -22.7424



54.2060, 0.8844, -3.6887



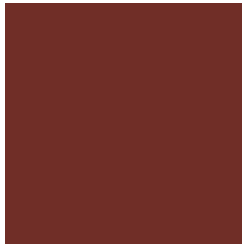
77.0760, 21.1615, -67.5957



159.6460, 43.0655, -140.0095

Previews

White Background



This preview shows how the YUV color 64.9360, -12.7864, 41.2751 looks on a white background.

Color Contrast Check

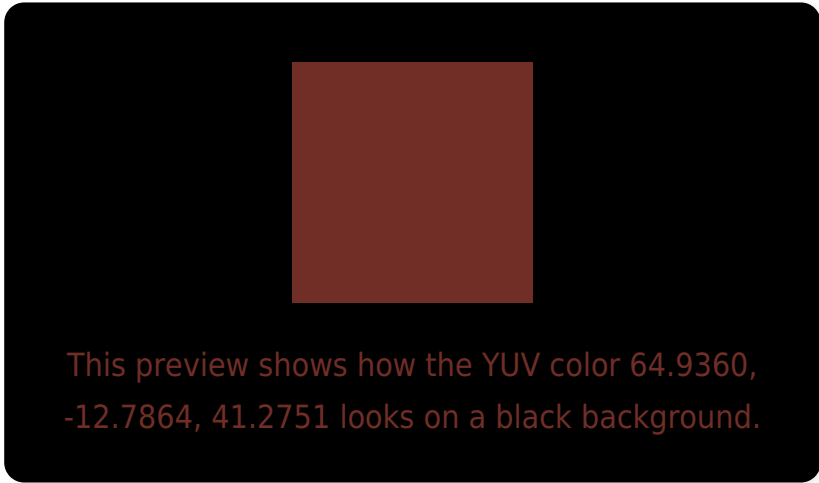
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

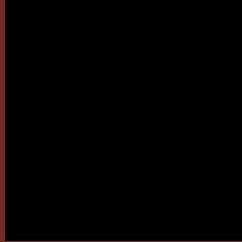
Any Text WCAG AA × Fail

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 64.9360, -12.7864, 41.2751 Background



This preview shows how black text looks on a background with the YUV color 64.9360, -12.7864, 41.2751.

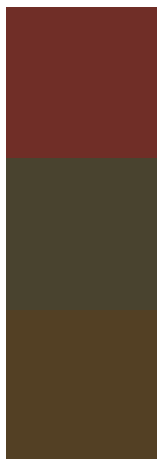


This preview shows how white text looks on a background with the YUV color 64.9360, -12.7864,

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

64.9360, -12.7864, 41.2751

Protanopia

66.5140, -9.6204, 5.6882

Deuteranopia

66.4890, -15.0311, 14.4801



Tritanopia

65.3750, -8.5659, 40.8901

Trichromacy



Original Color

64.9360, -12.7864, 41.2751

Protanomaly

65.6620, -10.6794, 18.7134

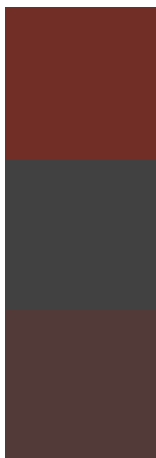
Deuteranomaly

65.7830, -14.1900, 24.7463

Tritanomaly

65.0330, -9.8763, 41.1901

Monochromacy



Original Color

64.9360, -12.7864, 41.2751

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9480, -4.4114, 14.9546

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.9360, -12.7864, 41.2751 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(112, 46, 39)` looks like.

```
.text, #text, p{  
    color:rgb(112, 46, 39)  
}
```

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(112, 46, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 46, 39) }
```

Border

The CSS property to change the border of an element to YUV 64.9360, -12.7864, 41.2751 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(112, 46, 39) }
```


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

```
.border{ border-color:rgb(112, 46, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 46, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 46, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 46, 39);  
box-shadow:4px 4px 4px 4px rgb(112, 46,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 64.9360, -12.7864, 41.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 46, 39) }
```

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

```
.background{ background-color: rgb(112, 46,  
39) }
```

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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