

Converting Colors

YUV(62.4080, -28.7951,
42.6152)

Have a look what the booklet for
YUV(62.4080, -28.7951, 42.6152)
contains.

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Color

**YUV(62.4080, -28.7951,
42.6152)**

Conversions

Conversions Part 1

Format	Color
Hex	6F3104
RGB	111, 49, 4
RGB Percent	44%, 19%, 2%
CMY	0.5647, 0.8078, 0.9843
CMYK	0.00, 0.56, 0.96, 0.56
HSL	25°, 93%, 23%
HSV	25°, 96%, 44%
XYZ	7.6758, 5.5849, 0.7883
YIQ	62.4080, 51.3970, -0.8510

Conversions

Conversions Part 2

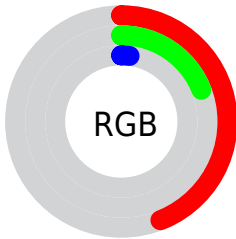
Format	Color
R_YB	111, 82, 4
Decimal	7287044
CIE Lab	28.34, 25.00, 37.59
CIE LCh	28, 45.142, 56.371
Yxy	5.5849, 0.5464, 0.3975
Android (android.graphics.Color)	4285477124 (0xFF6F3104)
YUV	62.4080, -28.7951, 42.6152
Hunter-Lab	23.6324, 16.6199, 14.5650

Details

The YUV color **62.4080, -28.7951, 42.6152** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **52.5920, 28.7951, -42.6152**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9850, -30.5586, 48.2482**, and **19.0920, -9.4124, 32.3683** is the 20% darker color. If you saturate the color by 10%, you get **60.7780, -29.9636, 44.0447**, and if you desaturate by 10%, it is **67.1840, -25.7267, 38.4266**.

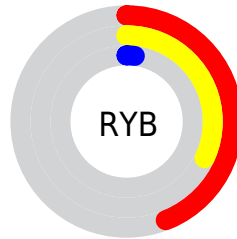
Distribution



Red (44%)

Green (19%)

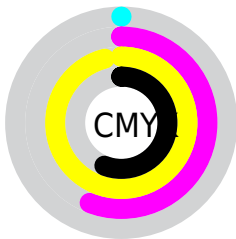
Blue (2%)



Red (44%)

Yellow (32%)

Blue (2%)

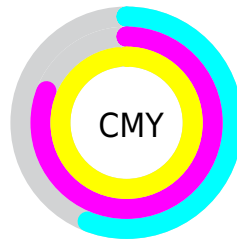


Cyan (0%)

Magenta (56%)

Yellow (96%)

Black (56%)



Cyan (56%)


Magenta (81%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.4080, -28.7951, 42.6152 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 62.4080, -28.7951, 42.6152 by changing the saturation by 10% instead.


 62.4080, -28.7951,
42.6152

 62.4080, -28.7951,
42.6152


 252.7200, -8.7360,
1.9996


 40.3780, -19.9064,
38.2565

 112.9850,
-30.5586, 48.2482


 19.0920, -9.4124,
32.3683


 139.0670,
-31.5850, 50.8072

 9.6820, -4.2802,
19.5729

 166.1490,
-32.6115, 53.3663

 0.0000, 0.0000,
0.0000

 193.2200,
-33.6325, 54.1811

 212.0330,
-30.0893, 37.6821

 232.1340,

-26.6881, 20.0535

■ 249.4140,
-21.4031, 4.8989

■ 62.4080, -28.7951,
42.6152

■ 62.4080, -28.7951,
42.6152

■ 60.7780, -29.9636,
44.0447

■ 67.1840, -25.7267,
38.4266

■ 72.5470, -22.9477,
33.7233

■ 77.3230, -19.8792,
29.5347

■ 82.6860, -17.1002,
24.8314

■ 87.4620, -14.0318,
20.6428

■ 92.9390, -10.8159,
15.8395

■ 97.7150, -7.7475,
11.6509

■ 102.4910, -4.6791,
7.4624

■ 107.8540, -1.9000,
2.7590

Harmonies

Analogous

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



60.7900, -11.2355, 57.1892



62.4080, -28.7951, 42.6152



63.2820, -31.1980, 19.9237

Triad

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



62.4080, -28.7951, 42.6152



55.0880, 2.9146, -48.3122



65.8980, 31.6023, -9.5575

Complementary

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



62.4080, -28.7951, 42.6152



52.5920, 28.7951, -42.6152

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.



58.4690, 38.7158, -51.2773



62.4080, -28.7951, 42.6152



59.1920, 18.6393, -51.9114

Square

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



62.4080, -28.7951, 42.6152



49.2230, -11.9419, -43.1686



61.2100, 31.4485, -53.6812



67.2470, 19.1052, 32.2324

Rectangle

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



62.4080, -28.7951, 42.6152



61.1120, -30.1282, 3.4098



61.2100, 31.4485, -53.6812



58.5250, 37.2092, -34.6634

Sweetspot

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



62.4080, -28.7951, 42.6152



126.1240, -11.4001, 16.5543



43.0610, 11.3089, 59.5825



62.2310, -7.0159, 10.3214



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.



62.4080, -28.7951, 42.6152



79.1620, -39.0269, 57.7399



93.5190, -44.1329, 15.3308



53.5550, -1.7526, 2.1443



65.2300, -32.1584, 48.0333



134.9010, -66.5062, 98.3108

Inverse Universe

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



52.5920, 28.7951, -42.6152



65.8380, 39.0269, -57.7399



21.4810, 44.1329, -15.3308



53.0320, 1.4632, -2.6591



54.1830, 32.4478, -47.5185



112.0990, 66.5062, -98.3108

Previews

White Background



This preview shows how the YUV color 62.4080, -28.7951, 42.6152 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 62.4080, -28.7951, 42.6152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

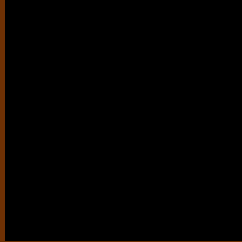
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.4080, -28.7951, 42.6152

Background



This preview shows how black text looks on a background with the YUV color 62.4080, -28.7951, 42.6152.



This preview shows how white text looks on a background with the YUV color 62.4080, -28.7951,

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

62.4080, -28.7951, 42.6152

Protanopia

63.8940, -26.0767, 10.6170

Deuteranopia

63.2820, -31.1980, 19.9237



Tritanopia

66.0760, -8.4185, 40.2753

Trichromacy



Original Color

62.4080, -28.7951, 42.6152

Protanomaly

63.3300, -27.2777, 22.5126

Deuteranomaly

63.1520, -30.6409, 27.9307

Tritanomaly

64.8390, -15.6966, 41.3602

Monochromacy



Original Color

62.4080, -28.7951, 42.6152

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0530, -10.3791, 15.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.4080, -28.7951, 42.6152 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(111, 49, 4)` looks like.

```
.text, #text, p{  
    color:rgb(111, 49, 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(111, 49, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 49, 4) }
```

Border

The CSS property to change the border of an element to YUV 62.4080, -28.7951, 42.6152 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(111, 49, 4) }
```


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

```
.border{ border-color:rgb(111, 49, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 49, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 49, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 49, 4);  
box-shadow:4px 4px 4px 4px rgb(111, 49, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 62.4080, -28.7951, 42.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 49, 4) }
```

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

```
.background{ background-color: rgb(111, 49,  
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](#).

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