

Converting Colors

YUV(62.2310, 60.0321,
-28.2666)

Have a look what the booklet for
YUV(62.2310, 60.0321, -28.2666)
contains.

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Color

**YUV(62.2310, 60.0321,
-28.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	1E37B8
RGB	30, 55, 184
RGB Percent	12%, 22%, 72%
CMY	0.8824, 0.7843, 0.2784
CMYK	0.84, 0.70, 0.00, 0.28
HSL	230°, 72%, 42%
HSV	230°, 84%, 72%
XYZ	10.5533, 6.4691, 46.0398
YIQ	62.2310, -56.3090, 34.8190

Conversions

Conversions Part 2

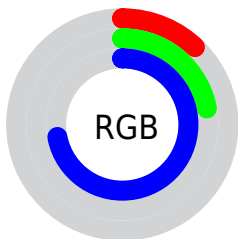
Format	Color
R_{YB}	30, 52, 184
Decimal	1980344
CIE Lab	30.57, 39.60, -69.83
CIE LCh	31, 80.275, 299.559
Yxy	6.4691, 0.1673, 0.1026
Android (android.graphics.Color)	4280170424 (0xFF1E37B8)
YUV	62.2310, 60.0321, -28.2666
Hunter-Lab	25.4344, 29.5537, -89.5191

Details

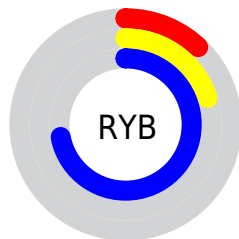
The YUV color **62.2310, 60.0321, -28.2666** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **151.7690, -60.0321, 28.2666**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7430, 60.2727, -12.0526**, and **23.0380, 52.7323, -20.2043** is the 20% darker color. If you saturate the color by 10%, you get **48.0440, 67.0263, -31.6106**, and if you desaturate by 10%, it is **76.4180, 53.0379, -24.9226**.

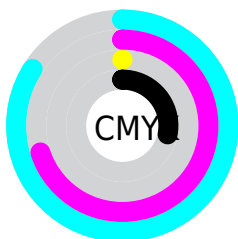
Distribution



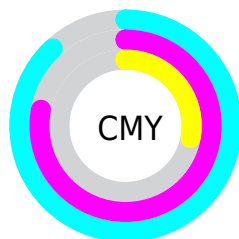
- Red (12%)
- Green (22%)
- Blue (72%)



- Red (12%)
- Yellow (20%)
- Blue (72%)



- Cyan (84%)
- Magenta (70%)
- Yellow (0%)
- Black (28%)



- Cyan (88%)
- Magenta (78%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.2310, 60.0321, -28.2666 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 62.2310, 60.0321, -28.2666 by changing the saturation by 10% instead.

■ 62.2310, 60.0321,
-28.2666

■ 62.2310, 60.0321,
-28.2666

■ 255.0000, 0.0000,
0.0000

■ 37.1550, 58.5906,
-32.5849

■ 118.7430, 60.2727,
-12.0526

■ 23.0380, 52.7323,
-20.2043

■ 144.2830, 54.5835,
-7.2642

■ 11.8560, 45.4270,
-10.3977

■ 169.1020, 42.3477,
-2.7205

■ 14.7620, 31.1763,
-12.9463

■ 193.3340, 30.4013,
2.3381

■ 9.2050, 22.5769,
-8.0728

■ 218.7400, 17.8762,
6.3670

■ 4.8220, 13.3988,
-4.2289

■ 243.8470, 5.4984,

■ 0.4560, 1.7472,

9.7812

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 62.2310, 60.0321,
-28.2666

■ 62.2310, 60.0321,
-28.2666

■ 48.0440, 67.0263,
-31.6106

■ 76.4180, 53.0379,
-24.9226

■ 38.5860, 71.6891,
-33.8399

■ 91.4910, 45.6069,
-21.4786

■ 105.6780, 38.6127,
-18.1346

■ 120.7510, 31.1818,
-14.6906

■ 134.9380, 24.1876,
-11.3466

■ 149.1250, 17.1934,
-8.0026

■ 164.1980, 9.7624,
-4.5586

■ 178.3850, 2.7682,
-1.2146

■ 193.4580, -4.6628,
2.2293

Harmonies

Analogous

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



71.6350, 63.7769, -62.8239



62.2310, 60.0321, -28.2666



57.7770, 39.0569, 72.9866

Triad

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



62.2310, 60.0321, -28.2666



61.7960, -30.4654, 65.0769



63.0440, 2.9363, -55.2896

Complementary

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



62.2310, 60.0321, -28.2666



151.7690, -60.0321, 28.2666

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.



53.4170, -26.3346, -46.8467



62.2310, 60.0321, -28.2666



68.0000, -33.5240, 19.2940

Square

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



62.2310, 60.0321, -28.2666



51.6430, -18.0650, 101.1681



53.4830, -26.3671, -36.3806



70.9270, 30.6020, -62.2030

Rectangle

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



62.2310, 60.0321, -28.2666



60.6920, 17.8998, 92.3551



53.4830, -26.3671, -36.3806



59.9490, -6.3839, -52.5753

Sweetspot

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



62.2310, 60.0321, -28.2666



192.7100, 23.3140, -11.1467



134.9900, 11.3439, -92.0762



91.6260, 13.9884, -6.6880



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



62.2310, 60.0321, -28.2666



50.2530, 93.5453, -44.0719



62.8050, 59.7491, 15.9570



84.6130, 3.6418, -1.4146



32.4590, 60.9057, -28.4665



6.1270, 10.7834, -5.3734

Inverse Universe

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



78.8960, -11.7807, 92.1762



76.2060, -18.3426, 143.6473



151.1950, -59.7491, -15.9570



85.8050, -0.8899, 5.4330



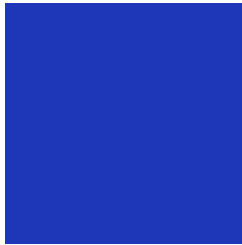
49.4940, -12.0755, 93.4058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 62.2310, 60.0321, -28.2666 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 62.2310, 60.0321, -28.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

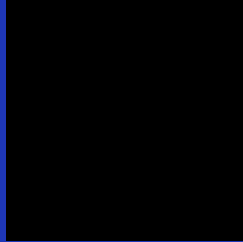
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.2310, 60.0321, -28.2666

Background



This preview shows how black text looks on a background with the YUV color 62.2310, 60.0321, -28.2666.



This preview shows how white text looks on a background with the YUV color 62.2310, 60.0321,

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

62.2310, 60.0321, -28.2666

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.5740, 32.7480, -50.4924



Tritanopia

56.5360, 13.5398, -49.5821

Trichromacy



Original Color

62.2310, 60.0321, -28.2666

Protanomaly

59.0970, 49.7452, -42.1811

Deuteranomaly

59.2620, 42.7618, -42.3258

Tritanomaly

58.6460, 30.2475, -41.7855

Monochromacy



Original Color

62.2310, 60.0321, -28.2666

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6670, 21.8562, -10.2320

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.2310, 60.0321, -28.2666 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(30, 55, 184)` looks like.

```
.text, #text, p{  
    color:rgb(30, 55, 184)  
}
```

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(30, 55, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 55, 184) }
```

Border

The CSS property to change the border of an element to YUV 62.2310, 60.0321, -28.2666 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(30, 55, 184) }
```


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

```
.border{ border-color:rgb(30, 55, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 55, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 55, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 55, 184);  
box-shadow:4px 4px 4px 4px rgb(30, 55,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 62.2310, 60.0321, -28.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 55, 184) }
```

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

```
.background{ background-color: rgb(30, 55,  
184) }
```

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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