

Converting Colors

YUV(57.1860, 28.0093,
-23.8421)

Have a look what the booklet for
YUV(57.1860, 28.0093, -23.8421)
contains.

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Color

**YUV(57.1860, 28.0093,
-23.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	1E3C72
RGB	30, 60, 114
RGB Percent	12%, 24%, 45%
CMY	0.8824, 0.7647, 0.5529
CMYK	0.74, 0.47, 0.00, 0.55
HSL	219°, 58%, 28%
HSV	219°, 74%, 45%
XYZ	5.1885, 4.7226, 16.5577
YIQ	57.1860, -35.2140, 10.4340

Conversions

Conversions Part 2

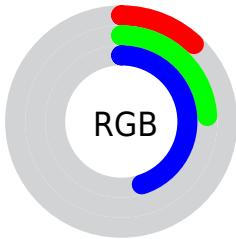
Format	Color
R_{YB}	30, 52, 114
Decimal	1981554
CIE _{Lab}	25.93, 8.94, -34.46
CIE _{LCh}	26, 35.601, 284.548
Yxy	4.7226, 0.1960, 0.1784
Android (android.graphics.Color)	4280171634 (0xFF1E3C72)
YUV	57.1860, 28.0093, -23.8421
Hunter-Lab	21.7316, 4.5874, -29.9618




Details

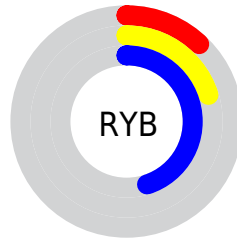
The YUV color **57.1860, 28.0093, -23.8421** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **86.8140, -28.0093, 23.8421**, and the grayscale version is **57.0000, 0.0000, 0.0000**.



A 20% lighter version of the original color is **107.4470, 28.8666, -18.8090**, and **18.5630, 22.8934, -16.2798** is the 20% darker color. If you saturate the color by 10%, you get **49.7880, 31.6565, -27.0011**, and if you desaturate by 10%, it is **64.5840, 24.3621, -20.6832**.

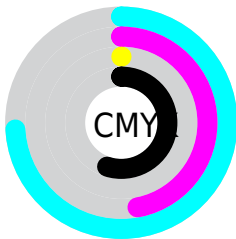
Distribution







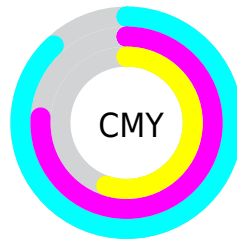
-  Red (12%)
-  Green (24%)
-  Blue (45%)






-  Red (12%)
-  Yellow (20%)
-  Blue (45%)



-  Cyan (74%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (88%)
-  Magenta (76%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1860, 28.0093, -23.8421 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 57.1860, 28.0093, -23.8421 by changing the saturation by 10% instead.

■ 57.1860, 28.0093,
-23.8421

■ 57.1860, 28.0093,
-23.8421

■ 255.0000, 0.0000,
0.0000

■ 33.0390, 27.5888,
-28.9752

■ 107.4470, 28.8666,
-18.8090

■ 18.5630, 22.8934,
-16.2798

■ 133.0880, 30.0296,
-18.4942

■ 6.6630, 17.9141,
-5.8435

■ 159.6150, 30.7558,
-18.0794

■ 2.9810, 8.8834,
-2.6143

■ 187.0280, 31.0452,
-17.5646

■ 0.0000, 0.0000,
0.0000

■ 211.8190, 21.2882,
-14.7503

■ 237.5130, 8.6211,

-11.8509

254.4020, 0.2948,
-1.2296

■ 57.1860, 28.0093,
-23.8421

■ 57.1860, 28.0093,
-23.8421

■ 49.7880, 31.6565,
-27.0011

■ 64.5840, 24.3621,
-20.6832

■ 41.5040, 35.7405,
-30.2600

■ 72.8680, 20.2781,
-17.4242

■ 37.0630, 37.9299,
-32.5043

■ 80.2660, 16.6309,
-14.2653

■ 87.9630, 12.8362,
-10.4916

■ 95.9480, 8.8996,
-7.8474

■ 103.3460, 5.2524,
-4.6884

■ 111.0430, 1.4578,
-0.9147

■ 119.0280, -2.4788,
1.7294

■ 126.7250, -6.2734,
5.5032

Harmonies

Analogous

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



52.9120, 30.1164, -46.4038



57.1860, 28.0093, -23.8421



63.1970, 18.1439, 13.8592

Triad

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



57.1860, 28.0093, -23.8421



59.3610, -17.4330, 38.2714



48.0950, -1.0328, -42.1793

Complementary

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



57.1860, 28.0093, -23.8421



86.8140, -28.0093, 23.8421

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.



52.6390, -16.0910, -18.9774



57.1860, 28.0093, -23.8421



58.3410, -27.2831, 24.2569

Square

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



57.1860, 28.0093, -23.8421



59.0210, -4.9404, 44.7086



56.1060, -27.6603, 5.1690



51.8740, 10.9081, -45.4935

Rectangle

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



57.1860, 28.0093, -23.8421



62.1730, 11.2537, 30.5433



56.1060, -27.6603, 5.1690



46.4820, -4.6746, -40.7647

Sweetspot

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



57.1860, 28.0093, -23.8421



125.8060, 10.9416, -9.4769



85.3500, -1.1585, -48.5419



61.2750, 6.2734, -5.5032



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.



57.1860, 28.0093, -23.8421



59.8220, 43.4718, -36.6779



42.8650, 35.0696, -1.6356



51.8580, 2.0420, -1.6295



38.9210, 39.9719, -34.1337



79.8140, 82.4227, -69.9969

Inverse Universe

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



58.5360, 0.7218, 48.6419



62.1140, 0.9298, 75.3220



101.1350, -35.0696, 1.6356



52.0220, -0.0108, 3.4887



40.7820, 1.0935, 69.4742



83.8850, 2.0287, 143.0519

Previews

White Background



This preview shows how the YUV color 57.1860, 28.0093, -23.8421 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 57.1860, 28.0093, -23.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

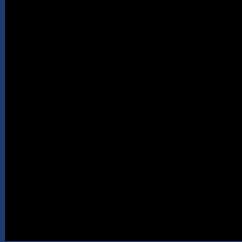
Any Text WCAG AA × Fail

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 57.1860, 28.0093, -23.8421 Background



This preview shows how black text looks on a background with the YUV color 57.1860, 28.0093, -23.8421.



This preview shows how white text looks on a background with the YUV color 57.1860, 28.0093,

-23.8421.

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

57.1860, 28.0093, -23.8421

Protanopia

58.3820, 27.4197, -21.3830

Deuteranopia

49.5210, 29.8161, -43.4299



Tritanopia

48.2380, 12.2077, -42.3047

Trichromacy



Original Color

57.1860, 28.0093, -23.8421

Protanomaly

58.0830, 27.5671, -21.9978

Deuteranomaly

52.3370, 28.9209, -36.2525

Tritanomaly

51.4760, 18.0063, -35.4975

Monochromacy



Original Color

57.1860, 28.0093, -23.8421

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9910, 10.3574, -8.7621

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1860, 28.0093, -23.8421 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, 60, 114)` looks like.

```
.text, #text, p{  
    color:rgb(30, 60, 114)  
}
```

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, 60, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 60, 114) }
```

Border

The CSS property to change the border of an element to YUV 57.1860, 28.0093, -23.8421 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, 60, 114) }
```


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

```
.border{ border-color:rgb(30, 60, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 60, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 60, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 60, 114);  
box-shadow:4px 4px 4px 4px rgb(30, 60,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 57.1860, 28.0093, -23.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 60, 114) }
```

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

```
.background{ background-color: rgb(30, 60,  
114) }
```

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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