

Converting Colors

YUV(58.7850, 6.0220, -18.2284)

Have a look what the booklet for
YUV(58.7850, 6.0220, -18.2284)
contains.

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Color

**YUV(58.7850, 6.0220,
-18.2284)**

Conversions

Conversions Part 1	
Format	Color
Hex	264347
RGB	38, 67, 71
RGB Percent	15%, 26%, 28%
CMY	0.8510, 0.7373, 0.7216
CMYK	0.46, 0.06, 0.00, 0.72
HSL	187°, 30%, 21%
HSV	187°, 46%, 28%
XYZ	3.9438, 4.8813, 6.6956
YIQ	58.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

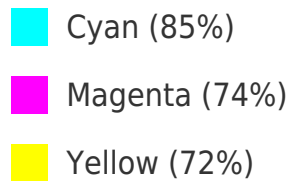
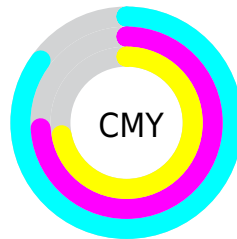
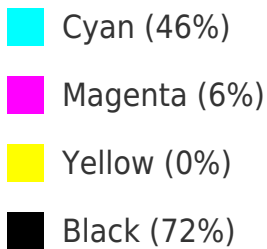
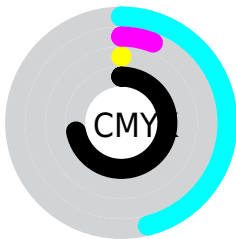
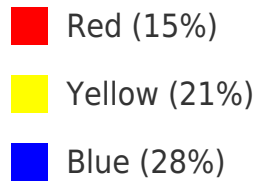
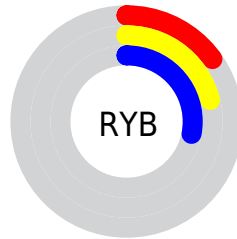
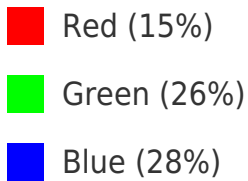
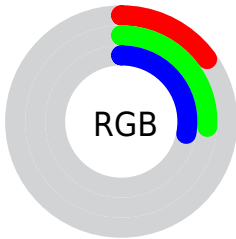
Format	Color
RYB	38, 53, 71
Decimal	2507591
CIELab	26.39, -9.63, -5.85
CIELCh	26, 11.269, 211.264
Yxy	4.8813, 0.2541, 0.3145
Android (android.graphics.Color)	4280697671 (0xFF264347)
YUV	58.7850, 6.0220, -18.2284
Hunter-Lab	22.0937, -6.8010, -2.5024

Details

The YUV color **58.7850, 6.0220, -18.2284** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **50.2150, -6.0220, 18.2284**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4860, 6.1694, -18.8432**, and **17.8670, 4.9956, -15.6694** is the 20% darker color. If you saturate the color by 10%, you get **56.1050, 7.3432, -22.0171**, and if you desaturate by 10%, it is **61.4650, 4.7008, -14.4398**.


Distribution



Brightness & Saturation Gradients


These gradients show how the YUV color 58.7850, 6.0220, -18.2284 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 58.7850, 6.0220, -18.2284 by changing the saturation by 10% instead.

 58.7850, 6.0220,
-18.2284


 58.7850, 6.0220,
-18.2284


255.0000, 0.0000,
0.0000


 36.4860, 6.1694,
-18.8432

 106.4860, 6.1694,
-18.8432

 17.8670, 4.9956,
-15.6694

 132.1870, 6.3168,
-19.4580

 0.0000, 0.0000,
0.0000

 158.1870, 6.3168,
-19.4580

 185.0020, 6.9010,
-20.1728

 213.0020, 6.9010,
-20.1728


 241.5890, 6.6116,

-20.6876

 252.3090, 1.3267,
-5.5330


 58.7850, 6.0220,
-18.2284

 58.7850, 6.0220,
-18.2284

 56.1050, 7.3432,
-22.0171


 61.4650, 4.7008,
-14.4398


 53.4250, 8.6645,
-25.8057


 64.1450, 3.3795,
-10.6512


 50.7450, 9.9857,
-29.5944

 66.8250, 2.0583,
-6.8625

 48.6520, 11.0176,
-33.8978

 68.9180, 1.0264,
-2.5591

 45.6730, 12.4862,
-38.3012

 71.8970, -0.4422,
1.8443

■ 44.4880, 13.0704,
-39.0160

■ 74.5770, -1.7635,
5.6330

■ 77.2570, -3.0847,
9.4216

■ 79.9370, -4.4059,
13.2103

■ 82.6170, -5.7272,
16.9989

Harmonies

Analogous

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



58.6560, 1.6486, -15.4843



58.7850, 6.0220, -18.2284



60.0780, 8.3425, -15.8544

Triad

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



58.7850, 6.0220, -18.2284



64.2660, 3.3199, 8.5367



62.1550, -8.4574, 6.0031

Complementary

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



58.7850, 6.0220, -18.2284



50.2150, -6.0220, 18.2284

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.



62.8290, -7.3107, 11.5510



58.7850, 6.0220, -18.2284



63.5610, -0.7696, 13.5400

Square

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



58.7850, 6.0220, -18.2284



63.1340, 6.8359, 0.7595



63.5350, -4.7008, 14.4398



61.2680, -6.5411, -1.9890

Rectangle

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



58.7850, 6.0220, -18.2284



61.2250, 8.7631, -10.7213



63.5350, -4.7008, 14.4398



62.2800, -8.0260, 7.6474

Sweetspot

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



58.7850, 6.0220, -18.2284



86.9390, 2.4951, -6.9625



57.8270, -7.8027, -17.3883



43.0210, 1.4686, -4.4034



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



58.7850, 6.0220, -18.2284



72.9300, 9.4015, -28.8796



49.3930, 10.6523, -9.9917



34.2170, 0.8790, -1.9443



62.3550, 18.0660, -54.6853



142.6910, 41.5643, -125.1400

Inverse Universe

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



51.1730, 7.8027, 17.3883



60.7920, 12.4275, 27.3694



59.6070, -10.6523, 9.9917



33.5380, 0.7208, 2.1592



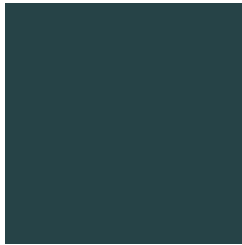
39.5190, 23.4081, 52.1648



90.5590, 53.4614, 119.6588

Previews

White Background



This preview shows how the YUV color 58.7850, 6.0220, -18.2284 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 58.7850, 6.0220, -18.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

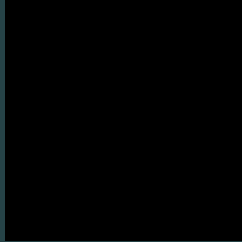
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7850, 6.0220, -18.2284

Background



This preview shows how black text looks on a background with the YUV color 58.7850, 6.0220, -18.2284.



This preview shows how white text looks on a background with the YUV color 58.7850, 6.0220,

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

58.7850, 6.0220, -18.2284

Protanopia

62.6840, 2.6208, -0.5999

Deuteranopia

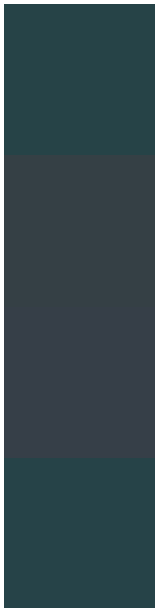
62.8520, 4.5100, 0.1298



Tritanopia

58.8990, 6.4588, -18.3284

Trichromacy



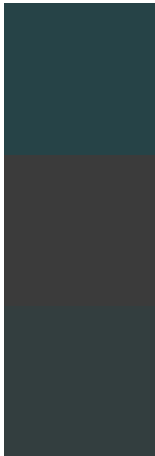
Original Color
58.7850, 6.0220, -18.2284

Protanomaly
61.2810, 3.8055, -7.2624

Deuteranomaly
61.3350, 5.2578, -6.4328

Tritanomaly
58.8990, 6.4588, -18.3284

Monochromacy



Original Color
58.7850, 6.0220, -18.2284

Achromatopsia
59.0000, 0.0000, 0.0000

Achromatomaly
58.8250, 2.0583, -6.8625

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7850, 6.0220, -18.2284 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(38, 67, 71)` looks like.

```
.text, #text, p{  
    color:rgb(38, 67, 71)  
}
```

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(38, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 67, 71) }
```

Border

The CSS property to change the border of an element to YUV 58.7850, 6.0220, -18.2284 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(38, 67, 71) }
```


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

```
.border{ border-color:rgb(38, 67, 71) }
```

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

Here you see how a box with a 4 pixel rgb(38, 67, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(38, 67, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.7850, 6.0220, -18.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 67, 71) }
```

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

```
.background{ background-color: rgb(38, 67,  
71) }
```

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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