

Converting Colors

YUV(41.8250, 2.0583, -6.8625)

Have a look what the booklet for
YUV(41.8250, 2.0583, -6.8625)
contains.

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Color

**YUV(41.8250, 2.0583,
-6.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	222D2E
RGB	34, 45, 46
RGB Percent	13%, 18%, 18%
CMY	0.8667, 0.8235, 0.8196
CMYK	0.26, 0.02, 0.00, 0.82
HSL	185°, 15%, 16%
HSV	185°, 26%, 18%
XYZ	2.0912, 2.4141, 2.9405
YIQ	41.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

Format	Color
R_{YB}	34, 40, 46
Decimal	2239790
CIE _{Lab}	17.53, -4.40, -2.20
CIE _{LCh}	18, 4.921, 206.578
Yxy	2.4141, 0.2809, 0.3242
Android (android.graphics.Color)	4280429870 (0xFF222D2E)
YUV	41.8250, 2.0583, -6.8625
Hunter-Lab	15.5374, -3.1657, -0.3447

Details

The YUV color **41.8250, 2.0583, -6.8625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.1750, -2.0583, 6.8625**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.5260, 2.2057, -7.4773**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.3300, 2.7953, -9.9364**, and if you desaturate by 10%, it is **43.3200, 1.3212, -3.7886**.

Distribution



Red (13%)

Green (18%)

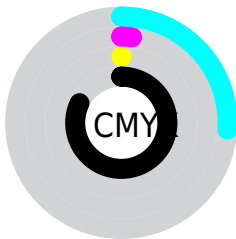
Blue (18%)



Red (13%)

Yellow (16%)

Blue (18%)

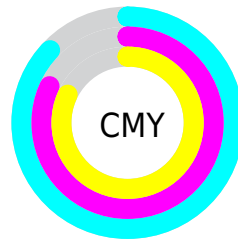


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8250, 2.0583, -6.8625 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 41.8250, 2.0583, -6.8625 by changing the saturation by 10% instead.

■ 41.8250, 2.0583,
-6.8625

■ 41.8250, 2.0583,
-6.8625

255.0000, 0.0000,
0.0000

■ 21.4120, 1.7689,
-7.3773

■ 87.5260, 2.2057,
-7.4773

■ 0.0000, 0.0000,
0.0000

■ 111.5260, 2.2057,
-7.4773

■ 137.2270, 2.3531,
-8.0921

■ 163.2270, 2.3531,
-8.0921

■ 190.2270, 2.3531,
-8.0921

■ 217.9280, 2.5005,

-8.7069

■ 246.6290, 2.6479,
-9.3216

■ 41.8250, 2.0583,
-6.8625

■ 41.8250, 2.0583,
-6.8625

■ 40.3300, 2.7953,
-9.9364

■ 43.3200, 1.3212,
-3.7886

■ 38.5470, 3.6743,
-11.8807

■ 45.1030, 0.4422,
-1.8443

■ 37.0520, 4.4114,
-14.9546

■ 46.5980, -0.2948,
1.2296

■ 35.2690, 5.2904,
-16.8989

■ 48.3810, -1.1738,
3.1739

■ 33.7740, 6.0274,
-19.9728

■ 49.8760, -1.9109,
6.2477

■ 32.2790, 6.7645,
-23.0467

■ 51.3710, -2.6479,
9.3216

■ 30.4960, 7.6435,
-24.9910

■ 53.1540, -3.5269,
11.2659

■ 29.8980, 7.9383,
-26.2205

■ 54.6490, -4.2640,
14.3398

■ 55.8450, -4.8536,
16.7989

Harmonies

Analogous

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



41.6680, 0.1637, -5.8478



41.8250, 2.0583, -6.8625



41.8790, 3.5107, -6.0329

Triad

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



41.8250, 2.0583, -6.8625



43.4780, 1.7363, 3.0888



43.0990, -3.4998, 2.5442

Complementary

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



41.8250, 2.0583, -6.8625



38.1750, -2.0583, 6.8625

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.



42.9360, -2.9264, 5.3181



41.8250, 2.0583, -6.8625



44.0330, -0.0163, 5.2331

Square

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



41.8250, 2.0583, -6.8625



43.0970, 2.9102, -0.0851



43.8760, -1.9109, 6.2477



42.6040, -2.7628, -0.5297

Rectangle

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



41.8250, 2.0583, -6.8625



42.5910, 3.6526, -4.9033



43.8760, -1.9109, 6.2477



42.8110, -3.3578, 3.6738

Sweetspot

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



41.8250, 2.0583, -6.8625



56.9180, 1.0264, -2.5591



41.1580, -3.0359, -6.2776



29.5160, 0.7316, -1.3295



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



41.8250, 2.0583, -6.8625



52.1450, 3.3795, -10.6512



38.3030, 3.7946, -3.7737



22.4020, 0.2948, -1.2296



56.2910, 15.1395, -49.3672



139.4480, 36.7541, -122.2959

Inverse Universe

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



38.8420, 3.0359, 6.2776



47.6190, 4.6248, 9.9811



41.6970, -3.7946, 3.7737



21.8260, 0.5788, 1.0296



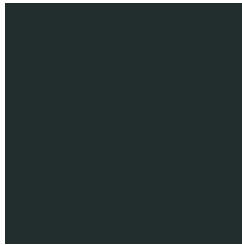
35.0190, 21.6826, 45.5873



86.3300, 54.0673, 111.9666

Previews

White Background



This preview shows how the YUV color 41.8250, 2.0583, -6.8625 looks on a white background.

Color Contrast Check

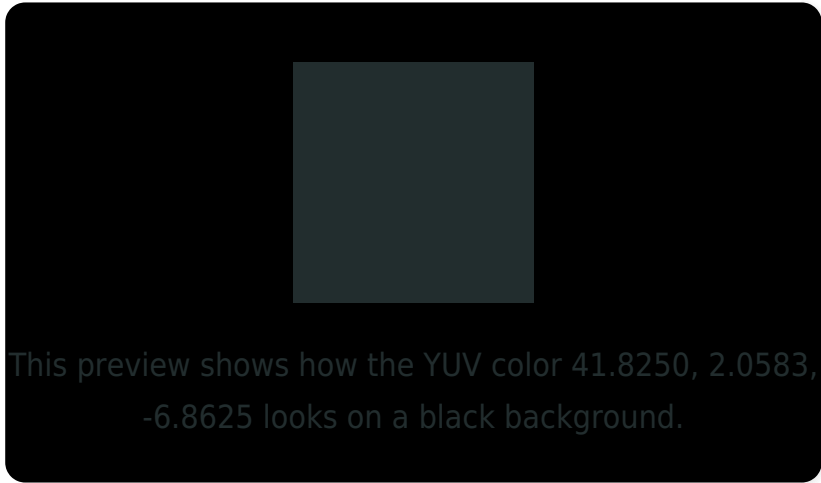
Large Text (above 18pt) WCAG AA ✓ Pass

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

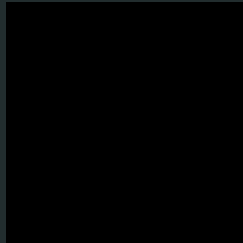
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

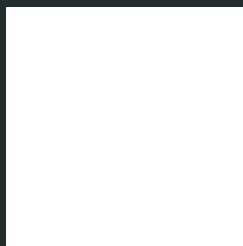
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 41.8250, 2.0583, -6.8625

Background



This preview shows how black text looks on a background with the YUV color 41.8250, 2.0583, -6.8625.



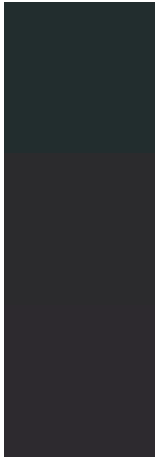
This preview shows how white text looks on a background with the YUV color 41.8250, 2.0583, -6.8625.

-6.8625.

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

41.8250, 2.0583, -6.8625

Protanopia

43.2280, 0.8736, -0.2000

Deuteranopia

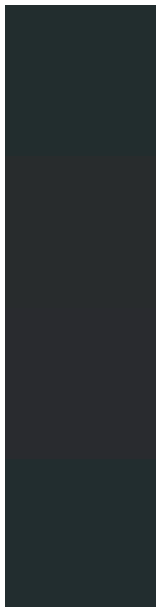
43.4670, 1.7418, 1.3444



Tritanopia

42.0530, 2.9319, -7.0625

Trichromacy



Original Color

41.8250, 2.0583, -6.8625

Protanomaly

42.9180, 1.0264, -2.5591

Deuteranomaly

42.8580, 2.0420, -1.6295

Tritanomaly

41.9390, 2.4951, -6.9625

Monochromacy



Original Color

41.8250, 2.0583, -6.8625

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

41.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8250, 2.0583, -6.8625 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(34, 45, 46)` looks like.

```
.text, #text, p{  
    color:rgb(34, 45, 46)  
}
```

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(34, 45, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 45, 46) }
```

Border

The CSS property to change the border of an element to YUV 41.8250, 2.0583, -6.8625 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(34, 45, 46) }
```


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

```
.border{ border-color:rgb(34, 45, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 45, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 45, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 45, 46);  
box-shadow:4px 4px 4px 4px rgb(34, 45, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.8250, 2.0583, -6.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 45, 46) }
```

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

```
.background{ background-color: rgb(34, 45,  
46) }
```

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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