

Converting Colors

YUV(42.7110, 1.6215, -6.7625)

Have a look what the booklet for
YUV(42.7110, 1.6215, -6.7625)
contains.

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Color

**YUV(42.7110, 1.6215,
-6.7625)**

Conversions

Conversions Part 1

Format	Color
Hex	232E2E
RGB	35, 46, 46
RGB Percent	14%, 18%, 18%
CMY	0.8627, 0.8196, 0.8196
CMYK	0.24, 0.00, 0.00, 0.82
HSL	180°, 14%, 16%
HSV	180°, 24%, 18%
XYZ	2.1633, 2.5086, 2.9550
YIQ	42.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

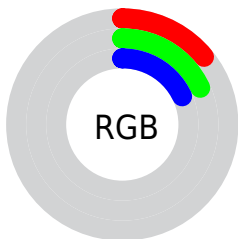
Format	Color
R_YB	35, 41, 46
Decimal	2305582
CIE Lab	17.96, -4.67, -1.56
CIE LCh	18, 4.923, 198.420
Yxy	2.5086, 0.2836, 0.3289
Android (android.graphics.Color)	4280495662 (0xFF232E2E)
YUV	42.7110, 1.6215, -6.7625
Hunter-Lab	15.8385, -3.3372, 0.0253

Details

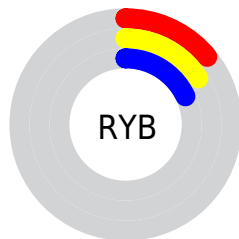
The YUV color **42.7110, 1.6215, -6.7625** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.2890, -1.6215, 6.7625**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.4120, 1.7689, -7.3773**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.2160, 2.3585, -9.8364**, and if you desaturate by 10%, it is **44.2060, 0.8844, -3.6887**.

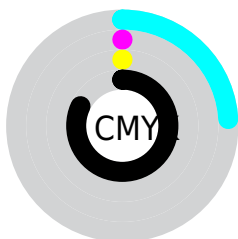
Distribution



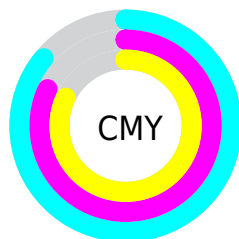
- Red (14%)
- Green (18%)
- Blue (18%)



- Red (14%)
- Yellow (16%)
- Blue (18%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (82%)



- Cyan (86%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 42.7110, 1.6215, -6.7625 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 42.7110, 1.6215, -6.7625 by changing the saturation by 10% instead.

■ 42.7110, 1.6215,
-6.7625

■ 42.7110, 1.6215,
-6.7625

255.0000, 0.0000,
0.0000

■ 21.7110, 1.6215,
-6.7625

■ 88.4120, 1.7689,
-7.3773

■ 0.0000, 0.0000,
0.0000

■ 112.4120, 1.7689,
-7.3773

■ 138.1130, 1.9163,
-7.9921

■ 164.1130, 1.9163,
-7.9921

■ 191.7000, 1.6269,
-8.5069

■ 218.8140, 2.0637,

-8.6069

247.8140, 2.0637,
-8.6069

42.7110, 1.6215,
-6.7625

42.7110, 1.6215,
-6.7625

41.2160, 2.3585,
-9.8364

44.2060, 0.8844,
-3.6887

40.0200, 2.9481,
-12.2955

45.4020, 0.2948,
-1.2296

38.5250, 3.6852,
-15.3694

46.8970, -0.4422,
1.8443

37.3290, 4.2748,
-17.8285

48.0930, -1.0318,
4.3034

35.8340, 5.0118,
-20.9024

49.5880, -1.7689,
7.3773

■ 34.3390, 5.7489,
-23.9763

■ 51.0830, -2.5059,
10.4512

■ 33.1430, 6.3385,
-26.4354

■ 52.2790, -3.0955,
12.9103

■ 32.2460, 6.7807,
-28.2797

■ 53.7740, -3.8326,
15.9842

■ 54.9700, -4.4222,
18.4433

Harmonies

Analogous

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



42.8530, -0.4205, -5.1331



42.7110, 1.6215, -6.7625



43.3520, 2.7845, -6.4477

Triad

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



42.7110, 1.6215, -6.7625



44.2930, 2.3206, 2.3740



43.8110, -3.3578, 3.6738

Complementary

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



42.7110, 1.6215, -6.7625



38.2890, -1.6215, 6.7625

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.



44.3490, -2.6371, 5.8329



42.7110, 1.6215, -6.7625



44.7340, 0.1311, 4.6183

Square

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



42.7110, 1.6215, -6.7625



43.9120, 3.4944, -0.7998



44.9900, -1.4741, 6.1478



43.2020, -3.0576, 0.6998

Rectangle

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



42.7110, 1.6215, -6.7625



43.1780, 3.3632, -5.4181



44.9900, -1.4741, 6.1478



44.1100, -3.5052, 4.2885

Sweetspot

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



42.7110, 1.6215, -6.7625



57.8040, 0.5896, -2.4591



41.4570, -3.1833, -5.6628



30.1030, 0.4422, -1.8443



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.



42.7110, 1.6215, -6.7625



53.9170, 2.5059, -10.4512



39.7760, 3.0684, -4.1886



22.4020, 0.2948, -1.2296



60.9870, 12.8244, -53.4856



150.0140, 31.5451, -131.5623

Inverse Universe

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



39.5430, 3.1833, 5.6628



49.0210, 4.9196, 8.7516



41.8110, -3.3578, 3.6738



21.8260, 0.5788, 1.0296



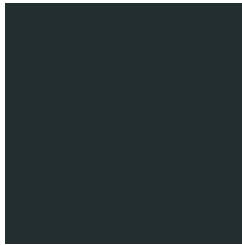
35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 42.7110, 1.6215, -6.7625 looks on a white background.

Color Contrast Check

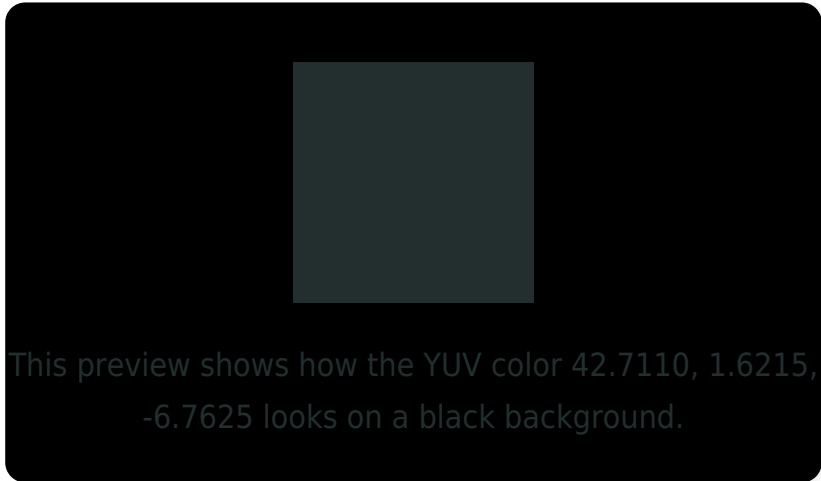
Large Text (above 18pt) WCAG AA ✓ Pass

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

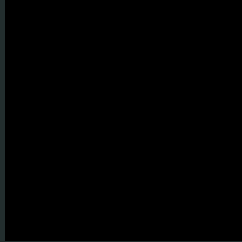
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

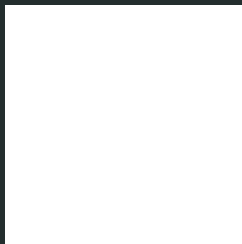
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 42.7110, 1.6215, -6.7625

Background



This preview shows how black text looks on a background with the YUV color 42.7110, 1.6215, -6.7625.



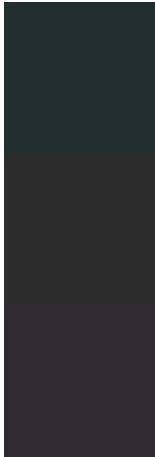
This preview shows how white text looks on a background with the YUV color 42.7110, 1.6215, -6.7625.

-6.7625.

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

42.7110, 1.6215, -6.7625

Protanopia

44.1140, 0.4368, -0.1000

Deuteranopia

44.6520, 1.1576, 2.0592



Tritanopia

43.3520, 2.7845, -6.4477

Trichromacy



Original Color

42.7110, 1.6215, -6.7625

Protanomaly

43.8040, 0.5896, -2.4591

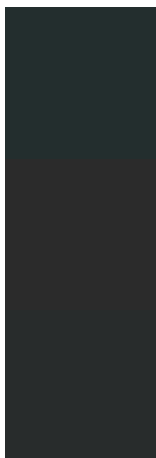
Deuteranomaly

44.0430, 1.4578, -0.9147

Tritanomaly

43.2380, 2.3477, -6.3477

Monochromacy



Original Color

42.7110, 1.6215, -6.7625

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

42.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 42.7110, 1.6215, -6.7625 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(35, 46, 46)` looks like.

```
.text, #text, p{  
    color:rgb(35, 46, 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(35, 46, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 46, 46) }
```

Border

The CSS property to change the border of an element to YUV 42.7110, 1.6215, -6.7625 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(35, 46, 46) }
```


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

```
.border{ border-color:rgb(35, 46, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 46, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 46, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 46, 46);  
box-shadow:4px 4px 4px 4px rgb(35, 46, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 42.7110, 1.6215, -6.7625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 46, 46) }
```

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

```
.background{ background-color: rgb(35, 46,  
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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