

Converting Colors

YUV(40.8210, 1.5672, 10.6810)

Have a look what the booklet for
YUV(40.8210, 1.5672, 10.6810)
contains.

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Color

**YUV(40.8210, 1.5672,
10.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	35222C
RGB	53, 34, 44
RGB Percent	21%, 13%, 17%
CMY	0.7922, 0.8667, 0.8275
CMYK	0.00, 0.36, 0.17, 0.79
HSL	328°, 22%, 17%
HSV	328°, 36%, 21%
XYZ	2.4948, 2.0828, 2.6534
YIQ	40.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

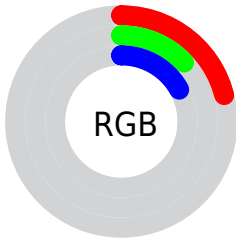
Format	Color
R_{YB}	53, 34, 44
Decimal	3482156
CIE Lab	15.92, 11.03, -2.96
CIE LCh	16, 11.417, 344.989
Yxy	2.0828, 0.3450, 0.2880
Android (android.graphics.Color)	4281672236 (0xFF35222C)
YUV	40.8210, 1.5672, 10.6810
Hunter-Lab	14.4319, 5.6017, -0.7986

Details

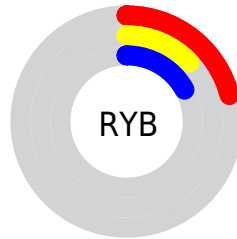
The YUV color **40.8210, 1.5672, 10.6810** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.1790, -1.5672, -10.6810**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.4190, 1.2724, 11.9105**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.5440, 1.7038, 13.5549**, and if you desaturate by 10%, it is **44.0980, 1.4307, 7.8071**.

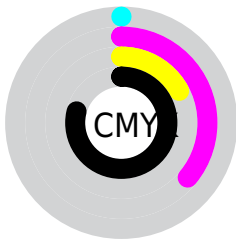
Distribution



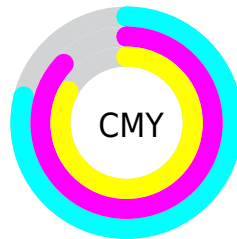
- Red (21%)
- Green (13%)
- Blue (17%)



- Red (21%)
- Yellow (13%)
- Blue (17%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (79%)



- Cyan (79%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8210, 1.5672, 10.6810 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 40.8210, 1.5672, 10.6810 by changing the saturation by 10% instead.

■ 40.8210, 1.5672,
10.6810

■ 40.8210, 1.5672,
10.6810

■ 255.0000, 0.0000,
0.0000

■ 19.9350, 2.0040,
10.5810

■ 86.4190, 1.2724,
11.9105

■ 0.0000, 0.0000,
0.0000

■ 110.8320, 1.5618,
12.4253

■ 136.1310, 1.4144,
13.0401

■ 162.5440, 1.7038,
13.5549

■ 189.5440, 1.7038,
13.5549

■ 217.2560, 1.8458,

14.6845

243.1630, 2.8776,
10.3810

40.8210, 1.5672,
10.6810

40.8210, 1.5672,
10.6810

37.5440, 1.7038,
13.5549

44.0980, 1.4307,
7.8071

33.7940, 2.5666,
16.8437

47.8480, 0.5679,
4.5183

30.5170, 2.7031,
19.7176

51.1250, 0.4314,
1.6444

27.3540, 3.2765,
22.4915

54.2880, -0.1420,
-1.1296

23.4900, 3.7024,
25.8803

58.1520, -0.5679,
-4.5183

■ 20.3270, 4.2758,
28.6542

■ 61.3150, -1.1413,
-7.2923

■ 19.0390, 4.4178,
29.7838

■ 64.5920, -1.2779,
-10.1662

■ 67.7550, -1.8512,
-12.9401

■ 71.6190, -2.2772,
-16.3289

Harmonies

Analogous

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



40.7000, 5.0779, 4.6481



40.8210, 1.5672, 10.6810



40.8060, -2.3694, 13.3251

Triad

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



40.8210, 1.5672, 10.6810



38.4750, -7.1362, 2.2144



35.2410, 7.7692, -18.6284

Complementary

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



40.8210, 1.5672, 10.6810



46.1790, -1.5672, -10.6810

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.



35.2150, 3.8380, -17.7286



40.8210, 1.5672, 10.6810



38.0010, -4.9305, -5.2629

Square

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



40.8210, 1.5672, 10.6810



39.6930, -7.7366, 8.1622



36.6950, -0.8356, -12.0105



37.8010, 8.4791, -12.9805

Rectangle

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



40.8210, 1.5672, 10.6810



39.9370, -4.4059, 13.2103



36.6950, -0.8356, -12.0105



35.3010, 6.7536, -19.5580

Sweetspot

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



40.8210, 1.5672, 10.6810



63.8480, 0.5679, 4.5183



38.8570, 6.9725, 3.6334



32.8370, 0.5734, 2.7740



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



40.8210, 1.5672, 10.6810



49.7940, 2.5666, 16.8437



39.7950, -2.3639, 11.5808



24.0110, -0.0054, 1.7444



31.9690, 7.4103, 50.0162



77.8790, 17.8077, 122.0091

Inverse Universe

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



40.8210, 1.5672, 10.6810



49.7940, 2.5666, 16.8437



47.2050, 2.3639, -11.5808



24.0110, -0.0054, 1.7444



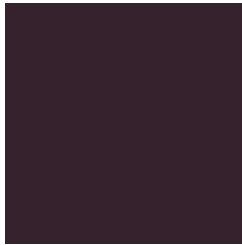
31.9690, 7.4103, 50.0162



77.8790, 17.8077, 122.0091

Previews

White Background



This preview shows how the YUV color 40.8210, 1.5672, 10.6810 looks on a white background.

Color Contrast Check

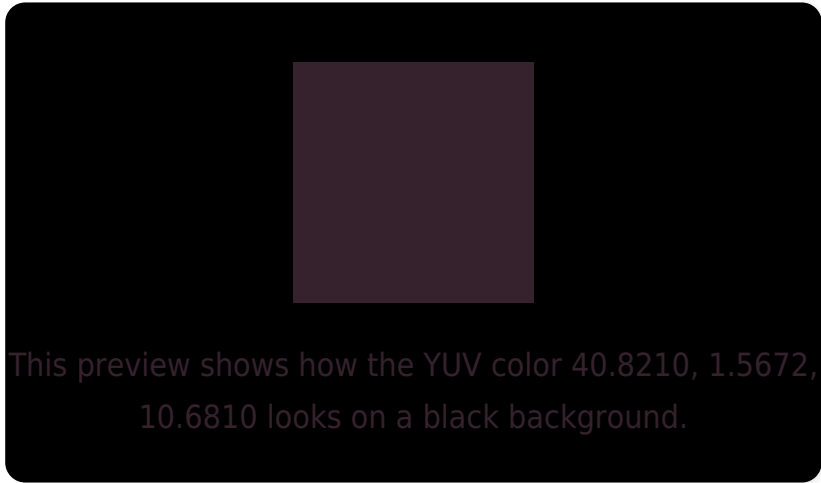
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.8210, 1.5672, 10.6810

Background



This preview shows how black text looks on a background with the YUV color 40.8210, 1.5672, 10.6810.



This preview shows how white text looks on a background with the YUV color 40.8210, 1.5672, 10.6810.

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

40.8210, 1.5672, 10.6810

Protanopia

40.3140, 3.7892, -2.0294

Deuteranopia

40.3530, 1.3050, 1.4444



Tritanopia

40.4250, -1.1955, 10.1513

Trichromacy



Original Color

40.8210, 1.5672, 10.6810

Protanomaly

40.5210, 3.1941, 2.1741

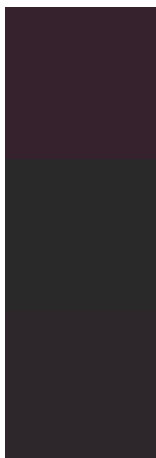
Deuteranomaly

40.3750, 1.2941, 4.9331

Tritanomaly

40.6530, -0.3219, 9.9513

Monochromacy



Original Color

40.8210, 1.5672, 10.6810

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.5490, 0.7153, 3.9035

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8210, 1.5672, 10.6810 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(53, 34, 44)` looks like.

```
.text, #text, p{  
    color:rgb(53, 34, 44)  
}
```

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(53, 34, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 34, 44) }
```

Border

The CSS property to change the border of an element to YUV 40.8210, 1.5672, 10.6810 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(53, 34, 44) }
```


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

```
.border{ border-color:rgb(53, 34, 44) }
```

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

Here you see how a box with a 4 pixel rgb(53, 34, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 34, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 34, 44);  
box-shadow:4px 4px 4px 4px rgb(53, 34, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.8210, 1.5672, 10.6810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 34, 44) }
```

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

```
.background{ background-color: rgb(53, 34,  
44) }
```

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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