

Converting Colors

YUV(36.8570, 6.9725, 3.6334)

Have a look what the booklet for
YUV(36.8570, 6.9725, 3.6334)
contains.

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Color

**YUV(36.8570, 6.9725,
3.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	292033
RGB	41, 32, 51
RGB Percent	16%, 13%, 20%
CMY	0.8392, 0.8745, 0.8000
CMYK	0.20, 0.37, 0.00, 0.80
HSL	268°, 23%, 16%
HSV	268°, 37%, 20%
XYZ	2.0285, 1.7435, 3.3616
YIQ	36.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

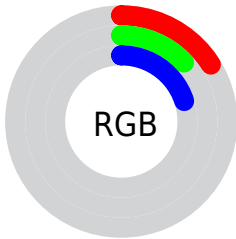
Format	Color
R_{YB}	41, 32, 51
Decimal	2695219
CIE Lab	14.08, 9.04, -10.88
CIE LCh	14, 14.147, 309.721
Yxy	1.7435, 0.2844, 0.2444
Android (android.graphics.Color)	4280885299 (0xFF292033)
YUV	36.8570, 6.9725, 3.6334
Hunter-Lab	13.2040, 4.3156, -5.8517

Details

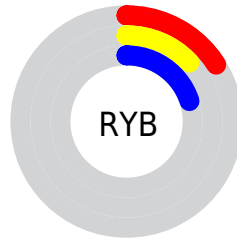
The YUV color **36.8570, 6.9725, 3.6334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46.1430, -6.9725, -3.6334**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6830, 7.5513, 4.6630**, and **0.2280, 0.8736, -0.2000** is the 20% darker color. If you saturate the color by 10%, you get **33.0250, 8.8617, 4.3631**, and if you desaturate by 10%, it is **40.6890, 5.0833, 2.9037**.

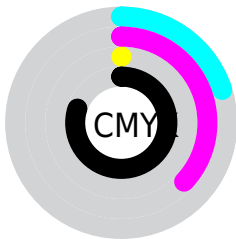
Distribution



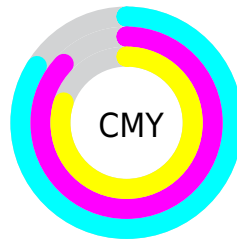
- Red (16%)
- Green (13%)
- Blue (20%)



- Red (16%)
- Yellow (13%)
- Blue (20%)



- Cyan (20%)
- Magenta (37%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8570, 6.9725, 3.6334 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 36.8570, 6.9725, 3.6334 by changing the saturation by 10% instead.

■ 36.8570, 6.9725,
3.6334

■ 36.8570, 6.9725,
3.6334

■ 255.0000, 0.0000,
0.0000

■ 14.9820, 7.4039,
5.2778

■ 81.6830, 7.5513,
4.6630

■ 0.2280, 0.8736,
-0.2000

■ 105.7970, 7.9881,
4.5630

■ 0.0000, 0.0000,
0.0000

■ 130.9110, 8.4249,
4.4631

■ 157.3240, 8.7143,
4.9779

■ 183.7370, 9.0037,
5.4927

■ 211.7370, 9.0037,

5.4927

■ 239.3950, 7.6933,
5.7926

■ 36.8570, 6.9725,
3.6334

■ 36.8570, 6.9725,
3.6334

■ 33.0250, 8.8617,
4.3631

■ 40.6890, 5.0833,
2.9037

■ 29.4920, 10.6034,
5.7075

■ 44.2220, 3.3416,
1.5593

■ 25.6600, 12.4926,
6.4372

■ 48.0540, 1.4524,
0.8296

■ 21.8280, 14.3818,
7.1668

■ 51.8860, -0.4368,
0.1000

■ 17.7080, 16.4130,
9.0261

■ 56.0060, -2.4680,
-1.7593

■ 13.8760, 18.3021,
9.7557

■ 59.8380, -4.3571,
-2.4889

■ 12.9900, 18.7389,
9.6558

■ 63.6700, -6.2463,
-3.2186

■ 67.2030, -7.9881,
-4.5630

■ 71.0350, -9.8773,
-5.2927

Harmonies

Analogous

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



35.1760, 9.7732, -8.0474



36.8570, 6.9725, 3.6334



37.1740, 2.8722, 12.1254

Triad

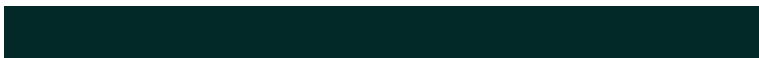
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.8570, 6.9725, 3.6334



35.6610, -9.1999, 10.8213



29.1110, 4.8753, -23.7763

Complementary

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



36.8570, 6.9725, 3.6334



46.1430, -6.9725, -3.6334

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.



31.5700, -1.2670, -13.6549



36.8570, 6.9725, 3.6334



34.5030, -9.6150, 3.9439

Square

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



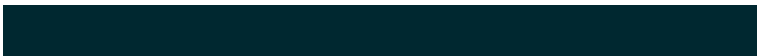
36.8570, 6.9725, 3.6334



36.4920, -6.1586, 15.3545



33.5450, -6.6777, -4.8630



28.9520, 9.3907, -25.3909

Rectangle

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



36.8570, 6.9725, 3.6334



36.6860, -0.3382, 15.1844



33.5450, -6.6777, -4.8630



29.8510, 2.5385, -20.9173

Sweetspot

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



36.8570, 6.9725, 3.6334



60.6950, 2.6154, 1.1445



40.0360, 5.4053, -7.0476



30.0540, 1.4524, 0.8296



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



36.8570, 6.9725, 3.6334



43.9050, 10.8928, 6.2223



39.5480, 5.6458, 9.1664



23.6410, 1.1630, 0.3148



22.7040, 32.6839, 16.9226



55.5350, 79.6022, 41.6268

Inverse Universe

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



38.8210, 1.5672, 10.6810



46.7940, 2.5666, 16.8437



43.4520, -5.6458, -9.1664



24.0110, -0.0054, 1.7444



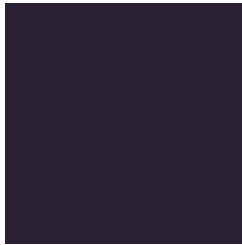
31.9690, 7.4103, 50.0162



77.8790, 17.8077, 122.0091

Previews

White Background



This preview shows how the YUV color 36.8570, 6.9725, 3.6334 looks on a white background.

Color Contrast Check

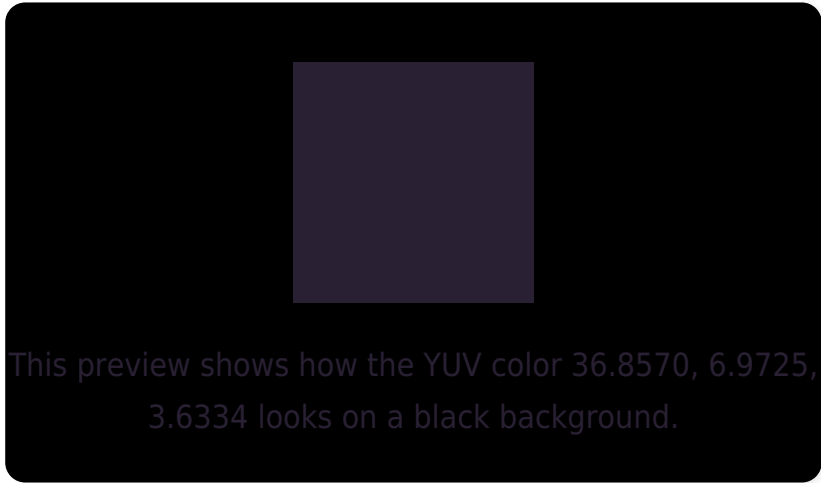
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8570, 6.9725, 3.6334

Background



This preview shows how black text looks on a background with the YUV color 36.8570, 6.9725, 3.6334.



This preview shows how white text looks on a background with the YUV color 36.8570, 6.9725,

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

36.8570, 6.9725, 3.6334

Protanopia

35.6710, 9.0362, -4.9735

Deuteranopia

36.1010, 6.8522, -4.4736



Tritanopia

36.5380, 0.7208, 2.1592

Trichromacy



Original Color

36.8570, 6.9725, 3.6334

Protanomaly

36.1660, 8.2992, -1.8996

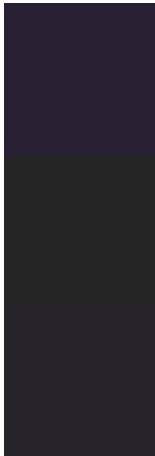
Deuteranomaly

36.7100, 6.5520, -1.4997

Tritanomaly

36.8200, 3.0467, 2.7889

Monochromacy



Original Color

36.8570, 6.9725, 3.6334

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6950, 2.6154, 1.1445

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8570, 6.9725, 3.6334 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(41, 32, 51)` looks like.

```
.text, #text, p{  
  color:rgb(41, 32, 51)  
}
```

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(41, 32, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 32, 51) }
```

Border

The CSS property to change the border of an element to YUV 36.8570, 6.9725, 3.6334 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(41, 32, 51) }
```


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

```
.border{ border-color:rgb(41, 32, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 32, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 32, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 32, 51);  
box-shadow:4px 4px 4px 4px rgb(41, 32, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.8570, 6.9725, 3.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 32, 51) }
```

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

```
.background{ background-color: rgb(41, 32,  
51) }
```

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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