

Converting Colors

YUV(36.9560, 3.4727, 6.1776)

Have a look what the booklet for
YUV(36.9560, 3.4727, 6.1776)
contains.

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Color

**YUV(36.9560, 3.4727,
6.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	2C202C
RGB	44, 32, 44
RGB Percent	17%, 13%, 17%
CMY	0.8275, 0.8745, 0.8275
CMYK	0.00, 0.27, 0.00, 0.83
HSL	300°, 16%, 15%
HSV	300°, 27%, 17%
XYZ	2.0098, 1.7503, 2.6148
YIQ	36.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

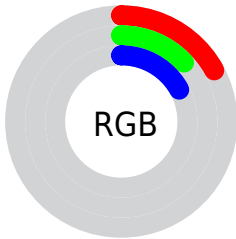
Format	Color
R_{YB}	44, 32, 44
Decimal	2891820
CIE Lab	14.12, 8.44, -5.77
CIE LCh	14, 10.229, 325.638
Yxy	1.7503, 0.3153, 0.2746
Android (android.graphics.Color)	4281081900 (0xFF2C202C)
YUV	36.9560, 3.4727, 6.1776
Hunter-Lab	13.2301, 3.9642, -2.4570

Details

The YUV color **36.9560, 3.4727, 6.1776** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.0440, -3.4727, -6.1776**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6680, 3.6147, 7.3072**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.6080, 4.6303, 8.2368**, and if you desaturate by 10%, it is **39.3040, 2.3151, 4.1184**.

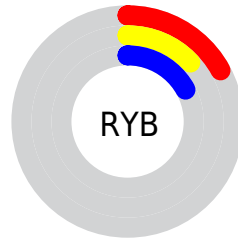
Distribution



Red (17%)

Green (13%)

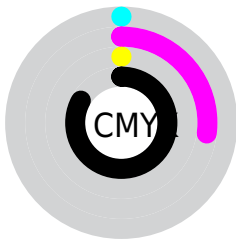
Blue (17%)



Red (17%)

Yellow (13%)

Blue (17%)

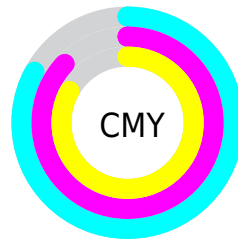


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9560, 3.4727, 6.1776 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 36.9560, 3.4727, 6.1776 by changing the saturation by 10% instead.

■ 36.9560, 3.4727,
6.1776

■ 36.9560, 3.4727,
6.1776

■ 255.0000, 0.0000,
0.0000

■ 15.1950, 4.3409,
7.7220

■ 81.6680, 3.6147,
7.3072

■ 0.0000, 0.0000,
0.0000

■ 105.7820, 4.0515,
7.2072

■ 131.0810, 3.9041,
7.8220

■ 157.1950, 4.3409,
7.7220

■ 184.1950, 4.3409,
7.7220

■ 211.6080, 4.6303,

8.2368

239.9070, 4.4828,
8.8516

36.9560, 3.4727,
6.1776

36.9560, 3.4727,
6.1776

34.6080, 4.6303,
8.2368

39.3040, 2.3151,
4.1184

31.6730, 6.0772,
10.8108

42.2390, 0.8682,
1.5444

29.3250, 7.2348,
12.8700

44.5870, -0.2894,
-0.5148

26.3900, 8.6817,
15.4440

47.5220, -1.7363,
-3.0888

24.0420, 9.8393,
17.5032

49.8700, -2.8939,
-5.1480

■ 21.6940, 10.9969,
19.5624

■ 52.2180, -4.0515,
-7.2072

■ 18.7590, 12.4438,
22.1364

■ 55.1530, -5.4984,
-9.7812

■ 18.1720, 12.7332,
22.6512

■ 57.5010, -6.6560,
-11.8404

■ 60.4360, -8.1029,
-14.4144

Harmonies

Analogous

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



36.0090, 6.4046, -0.8849



36.9560, 3.4727, 6.1776



37.0660, -0.0325, 10.4661

Triad

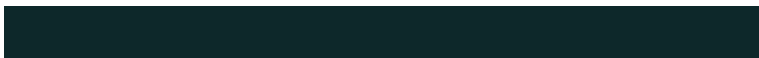
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



36.9560, 3.4727, 6.1776



35.6110, -6.7102, 5.6032



32.1550, 4.8536, -16.7989

Complementary

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



36.9560, 3.4727, 6.1776



39.0440, -3.4727, -6.1776

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.



32.8520, 1.0590, -13.0252



36.9560, 3.4727, 6.1776



34.5070, -5.6730, -0.4446

Square

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



36.9560, 3.4727, 6.1776



36.1600, -5.9949, 9.5067



33.8590, -2.8885, -6.8923



33.0350, 6.8847, -14.9397

Rectangle

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



36.9560, 3.4727, 6.1776



36.7950, -2.3639, 11.5808



33.8590, -2.8885, -6.8923



32.1120, 3.3958, -15.8842

Sweetspot

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



36.9560, 3.4727, 6.1776



53.6520, 1.1576, 2.0592



33.3680, 5.2416, -1.1997



26.2390, 0.8682, 1.5444



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



36.9560, 3.4727, 6.1776



45.4340, 5.2090, 9.2664



36.2720, 0.8519, 6.7775



21.8260, 0.5788, 1.0296



35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Inverse Universe

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



36.9560, 3.4727, 6.1776



45.4340, 5.2090, 9.2664



39.7280, -0.8519, -6.7775



21.8260, 0.5788, 1.0296



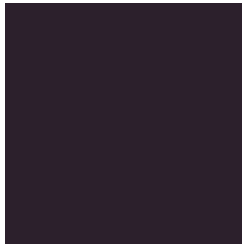
35.9310, 25.1770, 44.7875



88.3820, 61.9297, 110.1670

Previews

White Background



This preview shows how the YUV color 36.9560, 3.4727, 6.1776 looks on a white background.

Color Contrast Check

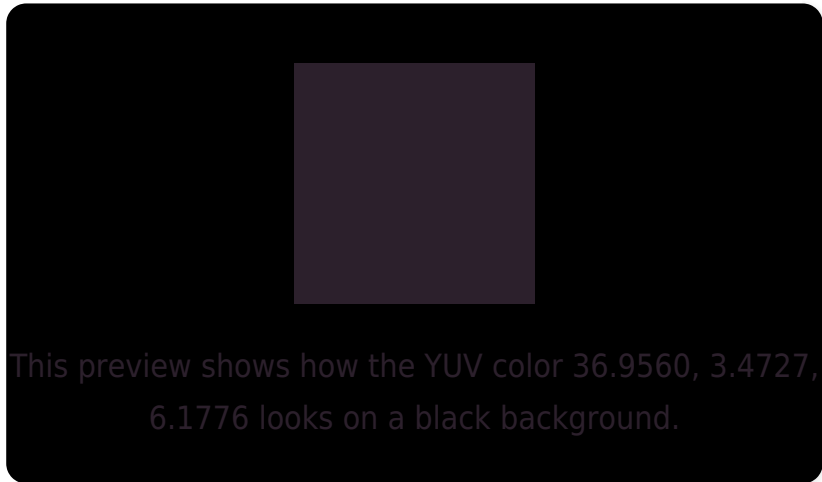
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.9560, 3.4727, 6.1776

Background



This preview shows how black text looks on a background with the YUV color 36.9560, 3.4727, 6.1776.

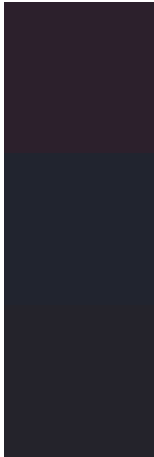


This preview shows how white text looks on a background with the YUV color 36.9560, 3.4727,

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

36.9560, 3.4727, 6.1776

Protanopia

36.3570, 5.2470, -2.9441

Deuteranopia

36.2110, 3.3470, -0.1850



Tritanopia

36.3320, -0.1637, 5.8478

Trichromacy



Original Color

36.9560, 3.4727, 6.1776

Protanomaly

36.8520, 4.5100, 0.1298

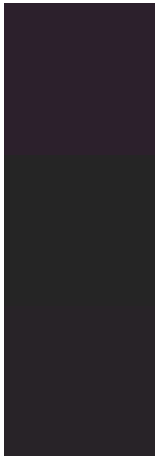
Deuteranomaly

36.5210, 3.1941, 2.1741

Tritanomaly

36.6740, 1.1467, 5.5479

Monochromacy



Original Color

36.9560, 3.4727, 6.1776

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0650, 1.4470, 2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9560, 3.4727, 6.1776 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(44, 32, 44)` looks like.

```
.text, #text, p{  
    color:rgb(44, 32, 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(44, 32, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 32, 44) }
```

Border

The CSS property to change the border of an element to YUV 36.9560, 3.4727, 6.1776 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(44, 32, 44) }
```


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

```
.border{ border-color:rgb(44, 32, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 32, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 32, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 32, 44);  
box-shadow:4px 4px 4px 4px rgb(44, 32, 44)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9560, 3.4727, 6.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 32, 44) }
```

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

```
.background{ background-color: rgb(44, 32,  
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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