

Converting Colors

YUV(23.5560, -3.2321, 10.0364)

Have a look what the booklet for
YUV(23.5560, -3.2321, 10.0364)
contains.

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Color

**YUV(23.5560, -3.2321,
10.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	231311
RGB	35, 19, 17
RGB Percent	14%, 7%, 7%
CMY	0.8627, 0.9255, 0.9333
CMYK	0.00, 0.46, 0.51, 0.86
HSL	7°, 35%, 10%
HSV	7°, 51%, 14%
XYZ	1.0272, 0.8635, 0.6429
YIQ	23.5560, 10.1780, 2.7700

Conversions

Conversions Part 2

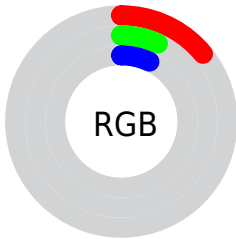
Format	Color
RYB	35, 19, 17
Decimal	2298641
CIELab	7.80, 7.96, 4.25
CIElCh	8, 9.023, 28.126
Yxy	0.8635, 0.4054, 0.3408
Android (android.graphics.Color)	4280488721 (0xFF231311)
YUV	23.5560, -3.2321, 10.0364
Hunter-Lab	9.2927, 3.4687, 2.4033

Details

The YUV color **23.5560, -3.2321, 10.0364** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **28.4440, 3.2321, -10.0364**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **66.4530, -3.6743, 11.8807**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.4530, -3.6743, 11.8807**, and if you desaturate by 10%, it is **25.6590, -2.7899, 8.1921**.

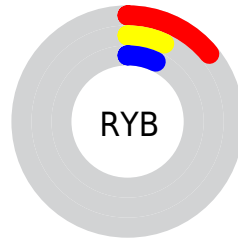
Distribution



Red (14%)

Green (7%)

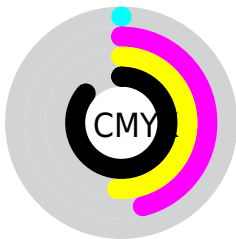
Blue (7%)



Red (14%)

Yellow (7%)

Blue (7%)

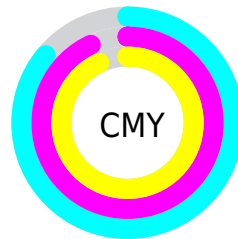


Cyan (0%)

Magenta (46%)

Yellow (51%)

Black (86%)



Cyan (86%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.5560, -3.2321, 10.0364 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 23.5560, -3.2321, 10.0364 by changing the saturation by 10% instead.

■ 23.5560, -3.2321,
10.0364

■ 23.5560, -3.2321,
10.0364

■ 246.3600, -2.6425,
7.5773

■ 0.0000, 0.0000,
0.0000

■ 66.4530, -3.6743,
11.8807

■ 89.7520, -3.8217,
12.4955

■ 115.0510, -3.9691,
13.1103

■ 140.3500, -4.1165,
13.7251

■ 166.6490, -4.2640,
14.3398

■ 193.9480, -4.4114,

14.9546

■ 221.8340, -4.8482,
15.0546

■ 23.5560, -3.2321,
10.0364

■ 23.5560, -3.2321,
10.0364

■ 21.4530, -3.6743,
11.8807

■ 25.6590, -2.7899,
8.1921

■ 19.2360, -4.5533,
13.8250

■ 27.8760, -1.9109,
6.2477

■ 17.0190, -5.4324,
15.7693

■ 29.9790, -1.4686,
4.4034

■ 14.9160, -5.8746,
17.6137

■ 32.1960, -0.5896,
2.4591

■ 12.8130, -6.3168,
19.4580

■ 35.0000, 0.0000,
0.0000

■ 37.1030, 0.4422,
-1.8443

■ 39.2060, 0.8844,
-3.6887

■ 41.4230, 1.7635,
-5.6330

■ 43.6400, 2.6425,
-7.5773

Harmonies

Analogous

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



24.0550, -0.0271, 8.7218



23.5560, -3.2321, 10.0364



23.3340, -6.5737, 8.4771

Triad

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



23.5560, -3.2321, 10.0364



21.2720, -2.5991, -6.3775



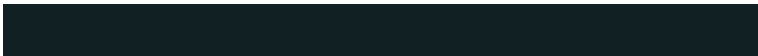
22.2640, 6.2788, -7.2475

Complementary

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



23.5560, -3.2321, 10.0364



28.4440, 3.2321, -10.0364

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.



20.8180, 6.0057, -12.9954



23.5560, -3.2321, 10.0364



19.9660, 1.4958, -13.1252

Square

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



23.5560, -3.2321, 10.0364



21.6920, -6.2572, 0.2701



19.7530, 4.5588, -15.5694



23.6670, 5.0942, -0.5850

Rectangle

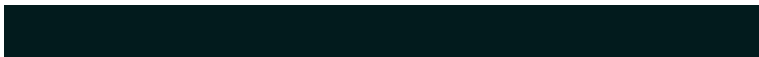
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.5560, -3.2321, 10.0364



22.6820, -7.7312, 6.4179



19.7530, 4.5588, -15.5694



21.3670, 6.7211, -9.0919

Sweetspot

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



23.5560, -3.2321, 10.0364



41.6800, -1.3212, 3.7886



24.2060, 4.3354, 9.4663



20.1960, -0.5896, 2.4591



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



23.5560, -3.2321, 10.0364



28.0190, -5.4324, 15.7693



28.8390, -5.8366, 5.4032



16.5980, -0.2948, 1.2296



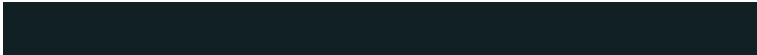
29.8010, -14.6919, 45.7785



75.9920, -37.4641, 116.6480

Inverse Universe

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



28.4440, 3.2321, -10.0364



35.5680, 5.1430, -16.2841



23.1610, 5.8366, -5.4032



17.4020, 0.2948, -1.2296



52.1990, 14.6919, -45.7785



133.0080, 37.4641, -116.6480

Previews

White Background



This preview shows how the YUV color 23.5560, -3.2321, 10.0364 looks on a white background.

Color Contrast Check

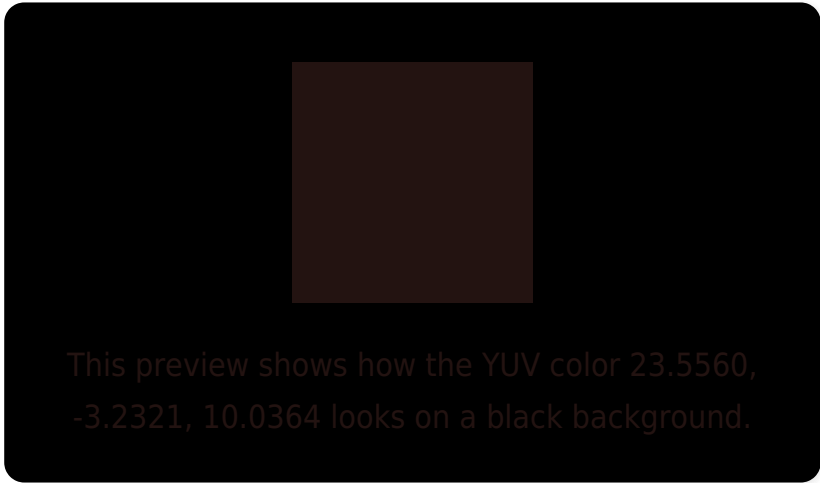
Large Text (above 18pt) WCAG AA ✓ Pass

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

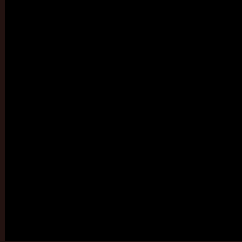
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.5560, -3.2321, 10.0364

Background



This preview shows how black text looks on a background with the YUV color 23.5560, -3.2321, 10.0364.



This preview shows how white text looks on a background with the YUV color 23.5560, -3.2321,

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

23.5560, -3.2321, 10.0364

Protanopia

23.7290, -2.3314, 1.1147

Deuteranopia

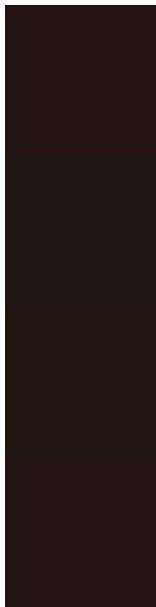
23.6970, -3.7946, 3.7737



Tritanopia

23.8980, -1.9217, 9.7365

Trichromacy



Original Color

23.5560, -3.2321, 10.0364

Protanomaly

23.6370, -2.7790, 4.7034

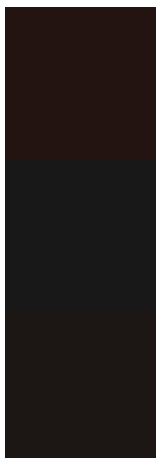
Deuteranomaly

24.0070, -3.9475, 6.1329

Tritanomaly

23.7840, -2.3585, 9.8364

Monochromacy



Original Color

23.5560, -3.2321, 10.0364

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6800, -1.3212, 3.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.5560, -3.2321, 10.0364 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, 19, 17)` looks like.

```
.text, #text, p{  
    color:rgb(35, 19, 17)  
}
```

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, 19, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 19, 17) }
```

Border

The CSS property to change the border of an element to YUV 23.5560, -3.2321, 10.0364 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, 19, 17) }
```


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

```
.border{ border-color:rgb(35, 19, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 19, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 19, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 19, 17);  
box-shadow:4px 4px 4px 4px rgb(35, 19, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.5560, -3.2321, 10.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 19, 17) }
```

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

```
.background{ background-color: rgb(35, 19,  
17) }
```

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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