

Converting Colors

YUV(23.6790, 0.1583, -4.1035)

Have a look what the booklet for
YUV(23.6790, 0.1583, -4.1035)
contains.

YUV(23.6790, 0.1583, -4.1035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(23.6790, 0.1583,
-4.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	131A18
RGB	19, 26, 24
RGB Percent	7%, 10%, 9%
CMY	0.9255, 0.8980, 0.9059
CMYK	0.27, 0.00, 0.08, 0.90
HSL	163°, 16%, 9%
HSV	163°, 27%, 10%
XYZ	0.8028, 0.9432, 1.0039
YIQ	23.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

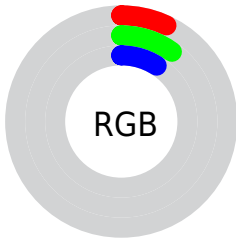
Format	Color
R_{YB}	19, 23, 26
Decimal	1251864
CIE Lab	8.51, -3.79, 0.32
CIE LCh	9, 3.803, 175.190
Yxy	0.9432, 0.2919, 0.3430
Android (android.graphics.Color)	4279441944 (0xFF131A18)
YUV	23.6790, 0.1583, -4.1035
Hunter-Lab	9.7118, -2.2399, 0.6695




Details

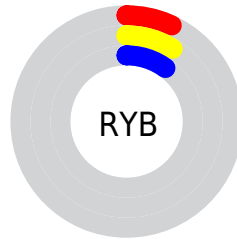
The YUV color **23.6790, 0.1583, -4.1035** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.3210, -0.1583, 4.1035**, and the grayscale version is **24.0000, 0.0000, 0.0000**.


A 20% lighter version of the original color is **66.3800, 0.3057, -4.7183**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **22.6680, 0.1637, -5.8478**, and if you desaturate by 10%, it is **24.6900, 0.1528, -2.3591**.

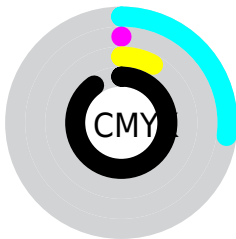
Distribution







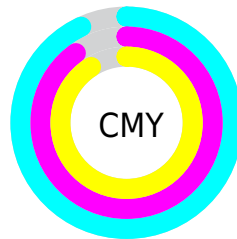
-  Red (7%)
-  Green (10%)
-  Blue (9%)






-  Red (7%)
-  Yellow (9%)
-  Blue (10%)



-  Cyan (27%)
-  Magenta (0%)
-  Yellow (8%)
-  Black (90%)



-  Cyan (93%)
-  Magenta (90%)
-  Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.6790, 0.1583, -4.1035 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 23.6790, 0.1583, -4.1035 by changing the saturation by 10% instead.

■ 23.6790, 0.1583,
-4.1035

■ 23.6790, 0.1583,
-4.1035

■ 249.6680, 0.1637,
-5.8478

■ 0.0000, 0.0000,
0.0000

■ 66.3800, 0.3057,
-4.7183

■ 89.9670, 0.0163,
-5.2331

■ 114.0810, 0.4531,
-5.3330

■ 139.9670, 0.0163,
-5.2331

■ 165.9670, 0.0163,
-5.2331

■ 192.9670, 0.0163,

-5.2331

■ 220.9670, 0.0163,
-5.2331

■ 23.6790, 0.1583,
-4.1035

■ 23.6790, 0.1583,
-4.1035

■ 22.6680, 0.1637,
-5.8478

■ 24.6900, 0.1528,
-2.3591

■ 22.0700, 0.4585,
-7.0774

■ 25.2880, -0.1420,
-1.1296

■ 21.0590, 0.4639,
-8.8217

■ 26.2990, -0.1474,
0.6148

■ 20.3470, 0.3219,
-9.9513

■ 27.0110, -0.0054,
1.7444

■ 19.3360, 0.3274,
-11.6957

■ 28.0220, -0.0108,
3.4887

■ 18.4390, 0.7696,
-13.5400

■ 28.9190, -0.4531,
5.3330

■ 17.7270, 0.6276,
-14.6696

■ 29.6310, -0.3111,
6.4626

■ 17.4280, 0.7750,
-15.2844

■ 30.6420, -0.3165,
8.2070

■ 31.3540, -0.1745,
9.3365

Harmonies

Analogous

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



24.0490, -1.0102, -2.6740



23.6790, 0.1583, -4.1035



23.7220, 1.6161, -5.0182

Triad

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



23.6790, 0.1583, -4.1035



24.8690, 2.0366, 0.1149



24.4520, -2.1948, 3.9886

Complementary

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



23.6790, 0.1583, -4.1035



21.3210, -0.1583, 4.1035

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.



24.9790, -1.4686, 4.4034



23.6790, 0.1583, -4.1035



24.6520, 1.1576, 2.0592

Square

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



23.6790, 0.1583, -4.1035



24.2600, 2.3368, -2.8590



25.0220, -0.0108, 3.4887



24.3270, -2.6262, 2.3442

Rectangle

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



23.6790, 0.1583, -4.1035



23.8360, 2.0529, -5.1182



25.0220, -0.0108, 3.4887



24.8650, -1.9054, 4.5034

Sweetspot

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



23.6790, 0.1583, -4.1035



31.9890, 0.0054, -1.7444



23.7070, -2.3206, -2.3740



17.2880, -0.1420, -1.1296



145.0000, 0.0000, 0.0000



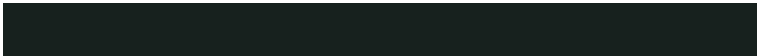
18.0000, 0.0000, 0.0000

Same Dimension

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



23.6790, 0.1583, -4.1035



29.6680, 0.1637, -5.8478



23.3200, 1.3212, -3.7886



12.2880, -0.1420, -1.1296



51.4690, 1.7408, -45.1383



136.3920, 4.7367, -119.6158

Inverse Universe

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



21.3210, -0.1583, 4.1035



26.3320, -0.1637, 5.8478



21.6800, -1.3212, 3.7886



11.7120, 0.1420, 1.1296



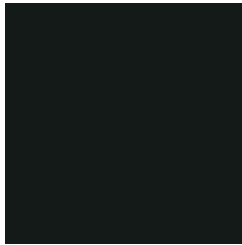
25.5310, -1.7408, 45.1383



67.6080, -4.7367, 119.6158

Previews

White Background



This preview shows how the YUV color 23.6790, 0.1583, -4.1035 looks on a white background.

Color Contrast Check

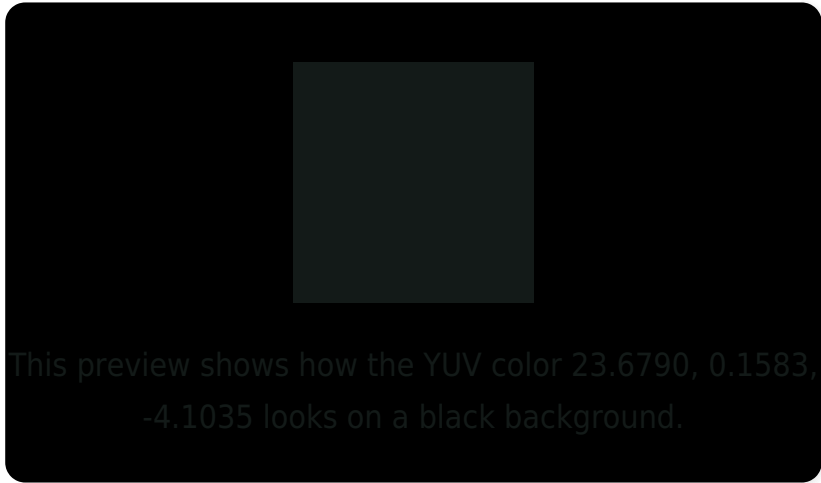
Large Text (above 18pt) WCAG AA ✓ Pass

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

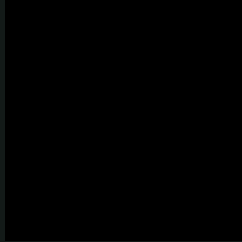
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.6790, 0.1583, -4.1035

Background



This preview shows how black text looks on a background with the YUV color 23.6790, 0.1583, -4.1035.



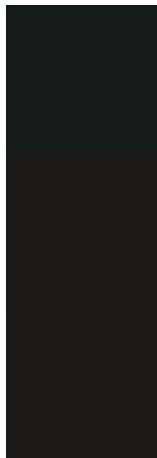
This preview shows how white text looks on a background with the YUV color 23.6790, 0.1583, -4.1035.

-4.1035.

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

23.6790, 0.1583, -4.1035

Protanopia

24.1850, -0.5842, 0.7148

Deuteranopia

24.8970, -0.4422, 1.8443



Tritanopia

23.8470, 2.0474, -3.3738

Trichromacy



Original Color

23.6790, 0.1583, -4.1035

Protanomaly

24.1740, -0.5788, -1.0296

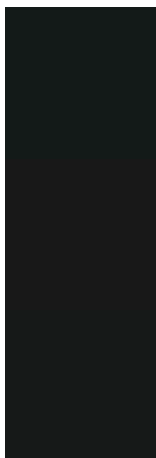
Deuteranomaly

24.5870, -0.2894, -0.5148

Tritanomaly

23.7330, 1.6106, -3.2738

Monochromacy



Original Color

23.6790, 0.1583, -4.1035

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.6790, 0.1583, -4.1035 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(19, 26, 24)` looks like.

```
.text, #text, p{  
    color:rgb(19, 26, 24)  
}
```

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(19, 26, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 26, 24) }
```

Border

The CSS property to change the border of an element to YUV 23.6790, 0.1583, -4.1035 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(19, 26, 24) }
```


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

```
.border{ border-color:rgb(19, 26, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 26, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 26, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 26, 24);  
box-shadow:4px 4px 4px 4px rgb(19, 26, 24)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.6790, 0.1583, -4.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 26, 24) }
```

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

```
.background{ background-color: rgb(19, 26,  
24) }
```

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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