

Converting Colors

YUV(37.5550, 11.5584,
-20.6577)

Have a look what the booklet for
YUV(37.5550, 11.5584, -20.6577)
contains.

YUV(37.5550, 11.5584, -20.6577)	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(37.5550, 11.5584,
-20.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	0E2D3D
RGB	14, 45, 61
RGB Percent	5%, 18%, 24%
CMY	0.9451, 0.8235, 0.7608
CMYK	0.77, 0.26, 0.00, 0.76
HSL	200°, 63%, 15%
HSV	200°, 77%, 24%
XYZ	1.9618, 2.3071, 4.7568
YIQ	37.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

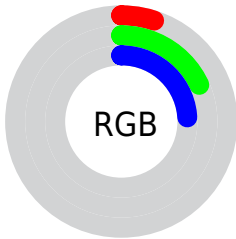
Format	Color
RYB	14, 33, 61
Decimal	929085
CIELab	17.02, -5.18, -13.50
CIELCh	17, 14.465, 248.996
Yxy	2.3071, 0.2174, 0.2556
Android (android.graphics.Color)	4279119165 (0xFF0E2D3D)
YUV	37.5550, 11.5584, -20.6577
Hunter-Lab	15.1890, -3.5259, -7.9357

Details

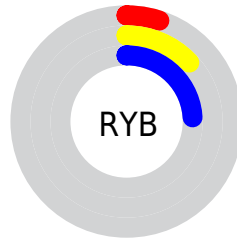
The YUV color **37.5550, 11.5584, -20.6577** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **37.4450, -11.5584, 20.6577**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.5660, 11.5530, -18.9134**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **34.5870, 13.0216, -23.3168**, and if you desaturate by 10%, it is **40.5230, 10.0952, -17.9987**.

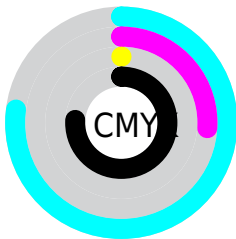
Distribution



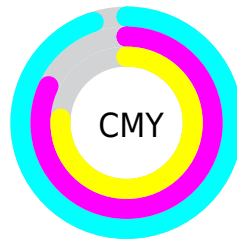
- Red (5%)
- Green (18%)
- Blue (24%)



- Red (5%)
- Yellow (13%)
- Blue (24%)



- Cyan (77%)
- Magenta (26%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5550, 11.5584, -20.6577 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 37.5550, 11.5584, -20.6577 by changing the saturation by 10% instead.

■ 37.5550, 11.5584,
-20.6577

■ 37.5550, 11.5584,
-20.6577

■ 253.5050, 0.7370,
-3.0739

■ 19.1210, 9.8003,
-16.7691

■ 84.5660, 11.5530,
-18.9134

■ 2.6390, 7.5730,
-2.3144

■ 108.7940, 12.4266,
-19.1133

■ 0.0000, 0.0000,
0.0000

■ 134.7940, 12.4266,
-19.1133

■ 160.9080, 12.8634,
-19.2133

■ 187.7230, 13.4476,
-19.9281

■ 215.7230, 13.4476,

-19.9281

■ 242.4860, 6.1694,
-18.8432

■ 37.5550, 11.5584,
-20.6577

■ 37.5550, 11.5584,
-20.6577

■ 34.5870, 13.0216,
-23.3168

■ 40.5230, 10.0952,
-17.9987

■ 31.6190, 14.4848,
-25.9759

■ 43.4910, 8.6319,
-15.3396

■ 30.4340, 15.0690,
-26.6906

■ 46.4590, 7.1687,
-12.6805

■ 49.4270, 5.7055,
-10.0215

■ 52.6940, 4.0949,
-6.7476

■ 55.6620, 2.6316,
-4.0886

■ 59.2170, 0.8790,
-1.9443

■ 62.1850, -0.5842,
0.7148

■ 65.1530, -2.0474,
3.3738

Harmonies

Analogous

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



34.4570, 10.1277, -28.4648



37.5550, 11.5584, -20.6577



41.2900, 10.2100, -8.1473

Triad

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



37.5550, 11.5584, -20.6577



42.9420, -1.9434, 16.7139



39.4310, -7.1145, -4.7630

Complementary

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



37.5550, 11.5584, -20.6577



37.4450, -11.5584, 20.6577

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.



40.8020, -9.7624, 4.5586



37.5550, 11.5584, -20.6577



42.0900, -6.4534, 16.5841

Square

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



37.5550, 11.5584, -20.6577



43.2880, 3.3090, 12.0254



41.9600, -9.3473, 11.4361



38.0430, -1.9932, -14.0697

Rectangle

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



37.5550, 11.5584, -20.6577



42.5900, 8.5831, 0.3596



41.9600, -9.3473, 11.4361



39.8120, -8.2883, -1.5891

Sweetspot

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



37.5550, 11.5584, -20.6577



70.0960, 4.3897, -7.9772



43.4130, -6.6126, -25.7952



35.0640, 2.9264, -5.3181



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



37.5550, 11.5584, -20.6577



42.4980, 17.9955, -32.0087



24.0540, 18.2144, -8.8174



29.5160, 0.7316, -1.3295



47.1100, 23.1168, -41.3155



111.0100, 54.7181, -97.3558

Inverse Universe

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



31.5870, 6.6126, 25.7952



33.2990, 10.2056, 40.0798



50.9460, -18.2144, 8.8174



29.1250, 0.4314, 1.6444



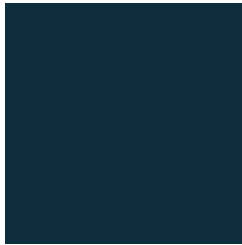
35.1740, 13.2252, 51.5904



83.0220, 31.0482, 121.8837

Previews

White Background



This preview shows how the YUV color 37.5550, 11.5584, -20.6577 looks on a white background.

Color Contrast Check

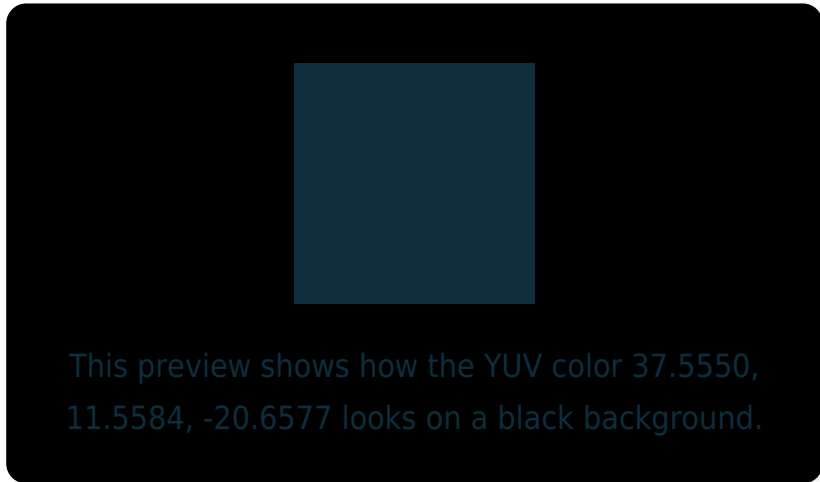
Large Text (above 18pt) WCAG AA ✓ Pass

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

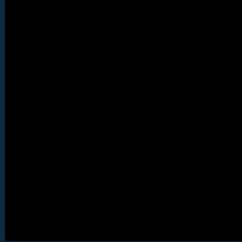
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

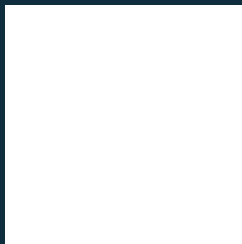
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 37.5550, 11.5584, -20.6577

Background



This preview shows how black text looks on a background with the YUV color 37.5550, 11.5584, -20.6577.



This preview shows how white text looks on a background with the YUV color 37.5550, 11.5584,

-20.6577.

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

37.5550, 11.5584, -20.6577

Protanopia

42.3290, 7.7258, -4.6735

Deuteranopia

41.8880, 9.9152, -6.9178



Tritanopia

33.4030, 8.6753, -29.2944

Trichromacy



Original Color

37.5550, 11.5584, -20.6577

Protanomaly

40.6380, 9.0525, -10.2065

Deuteranomaly

40.3820, 10.6577, -11.7360

Tritanomaly

34.7670, 9.9749, -26.1057

Monochromacy



Original Color

37.5550, 11.5584, -20.6577

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5550, 11.5584, -20.6577 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(14, 45, 61)` looks like.

```
.text, #text, p{  
    color:rgb(14, 45, 61)  
}
```

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(14, 45, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 45, 61) }
```

Border

The CSS property to change the border of an element to YUV 37.5550, 11.5584, -20.6577 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(14, 45, 61) }
```


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

```
.border{ border-color:rgb(14, 45, 61) }
```

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

Here you see how a box with a 4 pixel rgb(14, 45, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 45, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 45, 61);  
box-shadow:4px 4px 4px 4px rgb(14, 45, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.5550, 11.5584, -20.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 45, 61) }
```

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

```
.background{ background-color: rgb(14, 45,  
61) }
```

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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