

Converting Colors

YUV(36.6580, 12.0006,
-22.5021)

Have a look what the booklet for
YUV(36.6580, 12.0006, -22.5021)
contains.

YUV(36.6580, 12.0006, -22.5021)	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(36.6580, 12.0006,
-22.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2D3D
RGB	11, 45, 61
RGB Percent	4%, 18%, 24%
CMY	0.9569, 0.8235, 0.7608
CMYK	0.82, 0.26, 0.00, 0.76
HSL	199°, 69%, 14%
HSV	199°, 82%, 24%
XYZ	1.9187, 2.2848, 4.7548
YIQ	36.6580, -25.4000, -2.2320

Conversions

Conversions Part 2

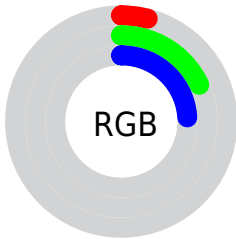
Format	Color
RYB	11, 31, 61
Decimal	732477
CIELab	16.92, -5.74, -13.68
CIELCh	17, 14.832, 247.240
Yxy	2.2848, 0.2142, 0.2551
Android (android.graphics.Color)	4278922557 (0xFF0B2D3D)
YUV	36.6580, 12.0006, -22.5021
Hunter-Lab	15.1157, -3.7947, -8.0692

Details

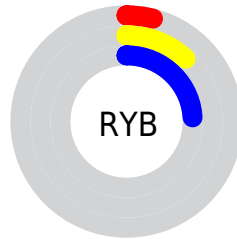
The YUV color **36.6580, 12.0006, -22.5021** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.3420, -12.0006, 22.5021**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.9680, 11.8478, -20.1429**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **33.6900, 13.4638, -25.1611**, and if you desaturate by 10%, it is **39.6260, 10.5374, -19.8430**.

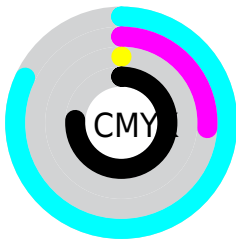
Distribution



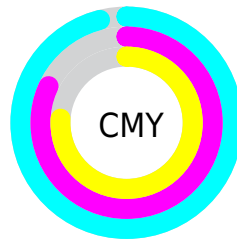
- Red (4%)
- Green (18%)
- Blue (24%)



- Red (4%)
- Yellow (12%)
- Blue (24%)



- Cyan (82%)
- Magenta (26%)
- Yellow (0%)
- Black (76%)



- Cyan (96%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6580, 12.0006, -22.5021 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 36.6580, 12.0006, -22.5021 by changing the saturation by 10% instead.

■ 36.6580, 12.0006,
-22.5021

■ 36.6580, 12.0006,
-22.5021

■ 252.9070, 1.0318,
-4.3034

■ 19.1210, 9.8003,
-16.7691

■ 83.9680, 11.8478,
-20.1429

■ 2.6390, 7.5730,
-2.3144

■ 108.4950, 12.5740,
-19.7281

■ 0.0000, 0.0000,
0.0000

■ 134.1960, 12.7214,
-20.3429

■ 160.3100, 13.1582,
-20.4429

■ 187.4240, 13.5950,
-20.5428

■ 215.1250, 13.7424,

-21.1576

■ 241.8880, 6.4642,
-20.0728

■ 36.6580, 12.0006,
-22.5021

■ 36.6580, 12.0006,
-22.5021

■ 33.6900, 13.4638,
-25.1611

■ 39.6260, 10.5374,
-19.8430

■ 31.0210, 14.7796,
-27.2054

■ 42.5940, 9.0742,
-17.1839

■ 45.5620, 7.6109,
-14.5249

■ 48.5300, 6.1477,
-11.8658

■ 51.7970, 4.5371,
-8.5920

■ 54.7650, 3.0739,
-5.9329

■ 57.7330, 1.6106,
-3.2738

■ 60.7010, 0.1474,
-0.6148

■ 63.6690, -1.3158,
2.0443

Harmonies

Analogous

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



33.7450, 9.9857, -29.5944



36.6580, 12.0006, -22.5021



40.8060, 10.9416, -9.4769

Triad

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



36.6580, 12.0006, -22.5021



42.3550, -1.6540, 17.2287



39.6160, -7.6987, -4.0482

Complementary

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



36.6580, 12.0006, -22.5021



35.3420, -12.0006, 22.5021

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.



40.6880, -10.1992, 4.6586



36.6580, 12.0006, -22.5021



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.



36.6580, 12.0006, -22.5021



43.2880, 3.3090, 12.0254



41.2590, -9.4947, 12.0509



37.9290, -2.4300, -13.9697

Rectangle

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



36.6580, 12.0006, -22.5021



42.1060, 9.3147, -0.9700



41.2590, -9.4947, 12.0509



39.9970, -8.8725, -0.8744

Sweetspot

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



36.6580, 12.0006, -22.5021



69.4980, 4.6845, -9.2067



42.1740, -7.4808, -27.3396



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.



36.6580, 12.0006, -22.5021



41.3020, 18.5851, -34.4679



21.9830, 19.2354, -9.6321



29.5160, 0.7316, -1.3295



48.2840, 22.5380, -42.3451



113.9450, 53.2711, -99.9298

Inverse Universe

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



29.8260, 7.4808, 27.3396



30.9510, 11.3632, 42.1390



50.0170, -19.2354, 9.6321



29.1250, 0.4314, 1.6444



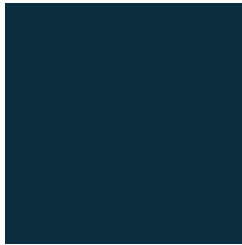
35.4020, 14.0988, 51.3904



83.5920, 33.2321, 121.3838

Previews

White Background



This preview shows how the YUV color 36.6580, 12.0006, -22.5021 looks on a white background.

Color Contrast Check

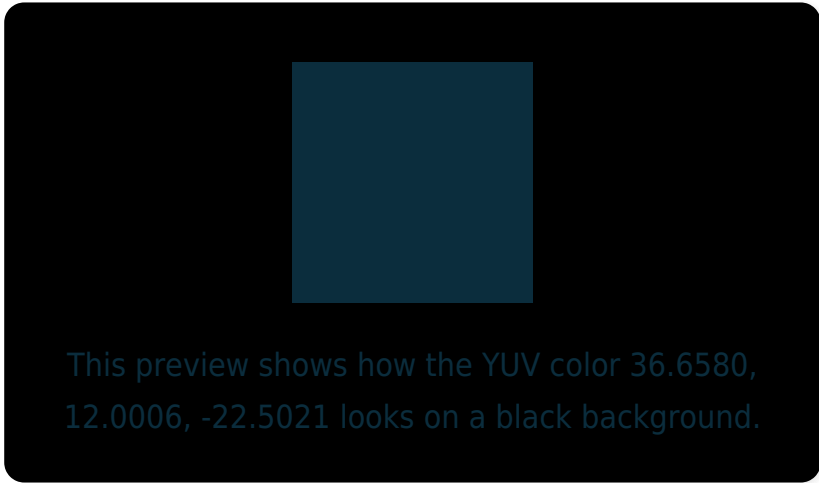
Large Text (above 18pt) WCAG AA ✓ Pass

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

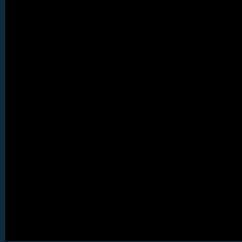
Any Text WCAG AA × Fail

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 36.6580, 12.0006, -22.5021 Background



This preview shows how black text looks on a background with the YUV color 36.6580, 12.0006, -22.5021.



This preview shows how white text looks on a background with the YUV color 36.6580, 12.0006,

-22.5021.

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

36.6580, 12.0006, -22.5021

Protanopia

41.7420, 8.0152, -4.1587

Deuteranopia

41.5890, 10.0626, -7.5326



Tritanopia

33.2890, 8.2385, -29.1945

Trichromacy



Original Color

36.6580, 12.0006, -22.5021

Protanomaly

39.7520, 9.4893, -10.3065

Deuteranomaly

39.7840, 10.9525, -12.9656

Tritanomaly

34.3540, 9.6855, -26.6205

Monochromacy



Original Color

36.6580, 12.0006, -22.5021

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6580, 12.0006, -22.5021 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(11, 45, 61)` looks like.

```
.text, #text, p{  
    color:rgb(11, 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(11, 45, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 45, 61) }
```

Border

The CSS property to change the border of an element to YUV 36.6580, 12.0006, -22.5021 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(11, 45, 61) }
```


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

```
.border{ border-color:rgb(11, 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(11, 45, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 45, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 45, 61);  
box-shadow:4px 4px 4px 4px rgb(11, 45, 61)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6580, 12.0006, -22.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 45, 61) }
```

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

```
.background{ background-color: rgb(11, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor