

Converting Colors

YUV(37.9350, 15.3150,
-12.2210)

Have a look what the booklet for
YUV(37.9350, 15.3150, -12.2210)
contains.

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Color

**YUV(37.9350, 15.3150,
-12.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	182745
RGB	24, 39, 69
RGB Percent	9%, 15%, 27%
CMY	0.9059, 0.8471, 0.7294
CMYK	0.65, 0.43, 0.00, 0.73
HSL	220°, 48%, 18%
HSV	220°, 65%, 27%
XYZ	2.1764, 2.0749, 5.9160
YIQ	37.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

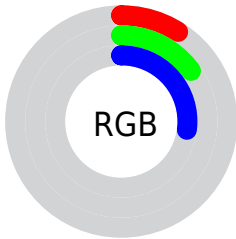
Format	Color
R_{YB}	24, 35, 69
Decimal	1582917
CIE _{Lab}	15.88, 4.59, -20.79
CIE _{LCh}	16, 21.293, 282.444
Yxy	2.0749, 0.2141, 0.2041
Android (android.graphics.Color)	4279772997 (0xFF182745)
YUV	37.9350, 15.3150, -12.2210
Hunter-Lab	14.4045, 1.7618, -14.2676




Details

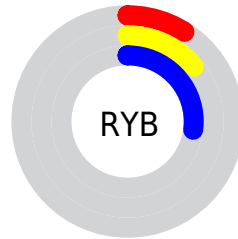
The YUV color **37.9350, 15.3150, -12.2210** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **55.0650, -15.3150, 12.2210**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.1740, 16.1832, -10.6766**, and **3.5510, 11.0674, -3.1142** is the 20% darker color. If you saturate the color by 10%, you get **32.9070, 17.7938, -13.9504**, and if you desaturate by 10%, it is **42.9630, 12.8362, -10.4916**.

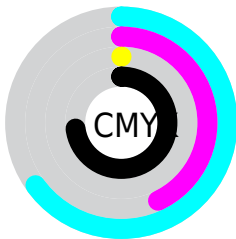
Distribution







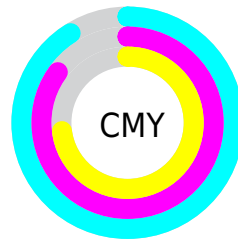
-  Red (9%)
-  Green (15%)
-  Blue (27%)






-  Red (9%)
-  Yellow (14%)
-  Blue (27%)



-  Cyan (65%)
-  Magenta (43%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (91%)
-  Magenta (85%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.9350, 15.3150, -12.2210 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 37.9350, 15.3150, -12.2210 by changing the saturation by 10% instead.

■ 37.9350, 15.3150,
-12.2210

■ 37.9350, 15.3150,
-12.2210

■ 255.0000, 0.0000,
0.0000

■ 15.9240, 15.3205,
-13.9653

■ 84.1740, 16.1832,
-10.6766

■ 3.5510, 11.0674,
-3.1142

■ 108.4020, 17.0568,
-10.8766

■ 0.0000, 0.0000,
0.0000

■ 133.9290, 17.7830,
-10.4617

■ 160.0430, 18.2198,
-10.5617

■ 187.1570, 18.6566,
-10.6617

■ 215.2710, 19.0934,

-10.7617

■ 240.1930, 7.2999,
-8.0623

■ 37.9350, 15.3150,
-12.2210

■ 37.9350, 15.3150,
-12.2210

■ 32.9070, 17.7938,
-13.9504

■ 42.9630, 12.8362,
-10.4916

■ 28.4660, 19.9833,
-16.1947

■ 47.4040, 10.6468,
-8.2473

■ 23.4380, 22.4621,
-17.9241

■ 52.4320, 8.1680,
-6.5179

■ 21.3670, 23.4831,
-18.7389

■ 56.8730, 5.9786,
-4.2736

■ 61.9010, 3.4998,
-2.5442

■ 66.6300, 1.1684,
-1.4295

■ 71.0710, -1.0210,
0.8147

■ 76.0990, -3.4998,
2.5442

■ 80.5400, -5.6892,
4.7884

Harmonies

Analogous

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



33.5800, 16.9691, -29.4497



37.9350, 15.3150, -12.2210



41.0900, 10.3086, 6.9371

Triad

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



37.9350, 15.3150, -12.2210



39.0260, -9.3798, 21.9022



30.4220, -0.2080, -26.6801

Complementary

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



37.9350, 15.3150, -12.2210



55.0650, -15.3150, 12.2210

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.



35.1270, -9.4296, -8.8814



37.9350, 15.3150, -12.2210



38.0870, -15.3259, 15.7097

Square

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



37.9350, 15.3150, -12.2210



39.4700, -2.6967, 25.0208



37.1950, -15.8721, 4.2140



32.8330, 6.4913, -28.7945

Rectangle

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



37.9350, 15.3150, -12.2210



40.8200, 6.4977, 15.9439



37.1950, -15.8721, 4.2140



32.8420, -3.8661, -20.0324

Sweetspot

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



37.9350, 15.3150, -12.2210



76.5740, 6.1260, -4.8884



53.8350, 0.0813, -26.1653



38.6020, 3.6472, -3.1590



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.9350, 15.3150, -12.2210



41.3670, 23.4831, -18.7389



31.2230, 18.6241, -0.1956



33.0430, 1.4578, -0.9147



30.6570, 33.6931, -26.8862



70.4900, 77.1594, -61.8197

Inverse Universe

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



39.1650, -0.0813, 26.1653



43.2530, -0.1247, 40.1201



61.4780, -18.4767, -0.4192



33.3100, -0.1528, 2.3591



33.3630, -0.1790, 57.5636



76.5370, -0.2647, 131.9561

Previews

White Background



This preview shows how the YUV color 37.9350, 15.3150, -12.2210 looks on a white background.

Color Contrast Check

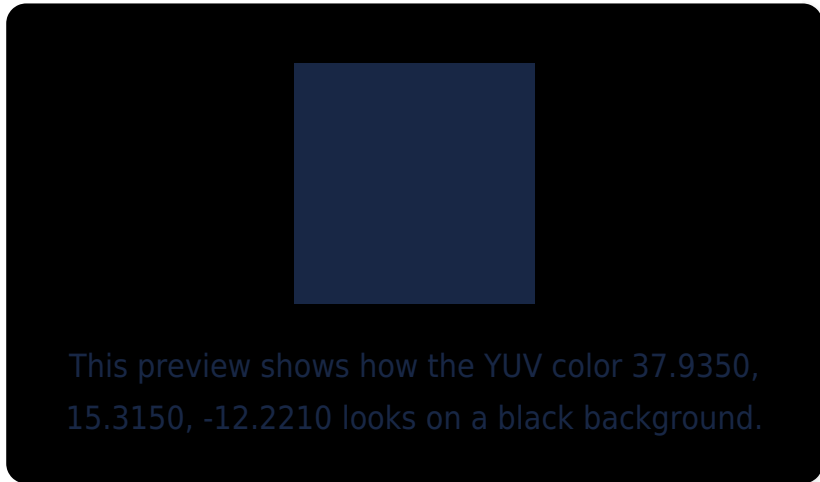
Large Text (above 18pt) WCAG AA ✓ Pass

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

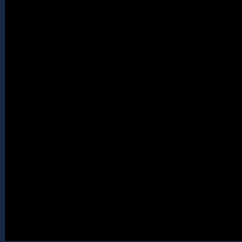
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9350, 15.3150, -12.2210

Background



This preview shows how black text looks on a background with the YUV color 37.9350, 15.3150, -12.2210.



This preview shows how white text looks on a background with the YUV color 37.9350, 15.3150,

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

37.9350, 15.3150, -12.2210

Protanopia

38.5330, 15.0202, -10.9914

Deuteranopia

36.1300, 16.2049, -17.6540



Tritanopia

34.1760, 6.3222, -21.2024

Trichromacy



Original Color

37.9350, 15.3150, -12.2210

Protanomaly

38.2340, 15.1676, -11.6062

Deuteranomaly

37.0270, 15.7627, -15.8097

Tritanomaly

35.4090, 9.6584, -17.8987

Monochromacy



Original Color

37.9350, 15.3150, -12.2210

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9350, 15.3150, -12.2210 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(24, 39, 69)` looks like.

```
.text, #text, p{  
  color:rgb(24, 39, 69)  
}
```

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(24, 39, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 39, 69) }
```

Border

The CSS property to change the border of an element to YUV 37.9350, 15.3150, -12.2210 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(24, 39, 69) }
```


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

```
.border{ border-color:rgb(24, 39, 69) }
```

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

Here you see how a box with a 4 pixel rgb(24, 39, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 39, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 39, 69);  
box-shadow:4px 4px 4px 4px rgb(24, 39, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.9350, 15.3150, -12.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 39, 69) }
```

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

```
.background{ background-color: rgb(24, 39,  
69) }
```

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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