

Converting Colors

YUV(36.8410, 38.0394,
-20.9086)

Have a look what the booklet for
YUV(36.8410, 38.0394, -20.9086)
contains.

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Color

**YUV(36.8410, 38.0394,
-20.9086)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2272
RGB	13, 34, 114
RGB Percent	5%, 13%, 45%
CMY	0.9490, 0.8667, 0.5529
CMYK	0.89, 0.70, 0.00, 0.55
HSL	228°, 80%, 25%
HSV	228°, 89%, 45%
XYZ	3.7753, 2.4445, 16.1925
YIQ	36.8410, -38.1960, 20.4280

Conversions

Conversions Part 2

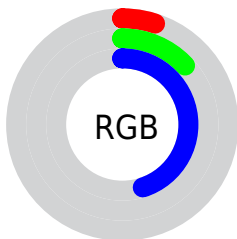
Format	Color
R_{YB}	13, 30, 114
Decimal	860786
CIE _{Lab}	17.67, 25.49, -47.92
CIE _{LCh}	18, 54.273, 298.008
Yxy	2.4445, 0.1684, 0.1091
Android (android.graphics.Color)	4279050866 (0xFF0D2272)
YUV	36.8410, 38.0394, -20.9086
Hunter-Lab	15.6350, 15.7399, -50.4595

Details

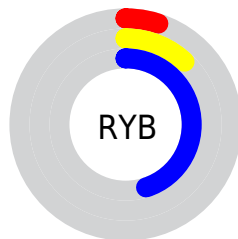
The YUV color **36.8410, 38.0394, -20.9086** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90.1590, -38.0394, 20.9086**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.1460, 38.8750, -8.8980**, and **7.4100, 28.3919, -6.4986** is the 20% darker color. If you saturate the color by 10%, you get **28.2690, 42.2654, -23.0379**, and if you desaturate by 10%, it is **45.4130, 33.8134, -18.7792**.

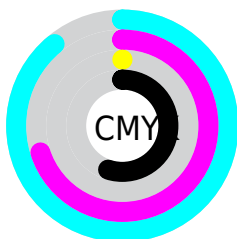
Distribution



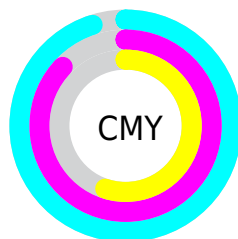
- Red (5%)
- Green (13%)
- Blue (45%)



- Red (5%)
- Yellow (12%)
- Blue (45%)



- Cyan (89%)
- Magenta (70%)
- Yellow (0%)
- Black (55%)



- Cyan (95%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.8410, 38.0394, -20.9086 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 36.8410, 38.0394, -20.9086 by changing the saturation by 10% instead.

■ 36.8410, 38.0394,
-20.9086

■ 36.8410, 38.0394,
-20.9086

■ 255.0000, 0.0000,
0.0000

■ 18.9510, 34.5342,
-16.6200

■ 88.1460, 38.8750,
-8.8980

■ 7.4100, 28.3919,
-6.4986

■ 113.6840, 39.5958,
-6.7389

■ 6.5490, 17.4773,
-5.7435

■ 140.0370, 40.9008,
-5.2944

■ 2.8670, 8.4466,
-2.5144

■ 166.8630, 41.4795,
-4.2649

■ 0.0000, 0.0000,
0.0000

■ 191.5400, 31.2858,
-1.3506

■ 216.6470, 18.9080,

2.0636

242.0530, 6.3829,
6.0925

36.8410, 38.0394,
-20.9086

36.8410, 38.0394,
-20.9086

28.2690, 42.2654,
-23.0379

45.4130, 33.8134,
-18.7792

27.0840, 42.8496,
-23.7527

54.2840, 29.4400,
-16.0351

62.8560, 25.2140,
-13.9057

71.7270, 20.8406,
-11.1616

80.2990, 16.6146,
-9.0322

■ 88.8710, 12.3886,
-6.9029

■ 97.7420, 8.0152,
-4.1587

■ 106.3140, 3.7892,
-2.0294

■ 115.1850, -0.5842,
0.7148

Harmonies

Analogous

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



43.4860, 39.6934, -38.1372



36.8410, 38.0394, -20.9086



35.2190, 25.0350, 43.6579

Triad

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



36.8410, 38.0394, -20.9086



37.1550, -18.3174, 41.9601



38.6060, 0.6872, -33.8575

Complementary

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



36.8410, 38.0394, -20.9086



90.1590, -38.0394, 20.9086

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.



32.2850, -15.9165, -28.3139



36.8410, 38.0394, -20.9086



41.1100, -20.2672, 13.9355

Square

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



36.8410, 38.0394, -20.9086



31.7800, -12.7095, 63.3369



34.4220, -16.9700, -17.0331



43.1660, 18.1592, -37.8566

Rectangle

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



36.8410, 38.0394, -20.9086



37.4520, 11.6092, 56.6086



34.4220, -16.9700, -17.0331



36.4230, -5.1385, -31.9430

Sweetspot

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



36.8410, 38.0394, -20.9086



117.2560, 15.1568, -8.1175



81.2930, 5.2786, -59.8930



55.6710, 9.0362, -4.9735



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



36.8410, 38.0394, -20.9086



35.0690, 55.6750, -30.7555



33.1850, 39.8418, 7.7308



51.8580, 2.0420, -1.6295



28.3550, 45.1810, -24.8673



58.0950, 93.1302, -50.9493

Inverse Universe

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



45.5930, -5.7153, 59.9929



47.7860, -8.2755, 87.8877



93.8150, -39.8418, -7.7308



52.0220, -0.0108, 3.4887



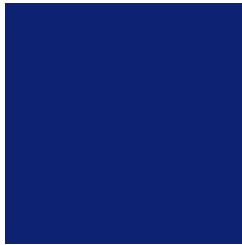
38.7300, -6.7689, 71.2738



79.6670, -14.1328, 146.7510

Previews

White Background



This preview shows how the YUV color 36.8410, 38.0394, -20.9086 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



This preview shows how the YUV color 36.8410, 38.0394, -20.9086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

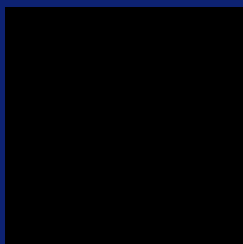
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.8410, 38.0394, -20.9086

Background



This preview shows how black text looks on a background with the YUV color 36.8410, 38.0394, -20.9086.



This preview shows how white text looks on a background with the YUV color 36.8410, 38.0394,

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

36.8410, 38.0394, -20.9086

Protanopia

34.9140, 27.1574, -30.6196

Deuteranopia

35.0790, 20.1741, -30.7643



Tritanopia

34.6910, 8.5333, -30.4240

Trichromacy



Original Color

36.8410, 38.0394, -20.9086

Protanomaly

35.6740, 31.2197, -26.9011

Deuteranomaly

35.8220, 26.7098, -27.0309

Tritanomaly

35.8730, 19.2896, -27.0756

Monochromacy



Original Color

36.8410, 38.0394, -20.9086

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9140, 13.8464, -7.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.8410, 38.0394, -20.9086 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(13, 34, 114)` looks like.

```
.text, #text, p{  
    color:rgb(13, 34, 114)  
}
```

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(13, 34, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 34, 114) }
```

Border

The CSS property to change the border of an element to YUV 36.8410, 38.0394, -20.9086 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(13, 34, 114) }
```


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

```
.border{ border-color:rgb(13, 34, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 34, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 34, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 34, 114);  
box-shadow:4px 4px 4px 4px rgb(13, 34,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 36.8410, 38.0394, -20.9086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 34, 114) }
```

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

```
.background{ background-color: rgb(13, 34,  
114) }
```

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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