

Converting Colors

YUV(35.4260, 14.0870, 8.3964)

Have a look what the booklet for
YUV(35.4260, 14.0870, 8.3964)
contains.

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Color

**YUV(35.4260, 14.0870,
8.3964)**

Conversions

Conversions Part 1

Format	Color
Hex	2D1940
RGB	45, 25, 64
RGB Percent	18%, 10%, 25%
CMY	0.8235, 0.9020, 0.7490
CMYK	0.30, 0.61, 0.00, 0.75
HSL	271°, 44%, 17%
HSV	271°, 61%, 25%
XYZ	2.3552, 1.6233, 5.0397
YIQ	35.4260, -0.5990, 16.3690

Conversions

Conversions Part 2

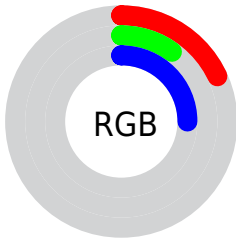
Format	Color
RYB	45, 25, 64
Decimal	2955584
CIELab	13.37, 19.17, -21.17
CIELCh	13, 28.558, 312.162
Yxy	1.6233, 0.2612, 0.1800
Android (android.graphics.Color)	4281145664 (0xFF2D1940)
YUV	35.4260, 14.0870, 8.3964
Hunter-Lab	12.7409, 10.7001, -14.5335

Details

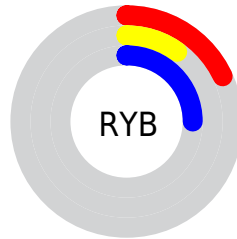
The YUV color **35.4260, 14.0870, 8.3964** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.5740, -14.0870, -8.3964**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.7790, 15.3920, 9.8408**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **31.0070, 16.2655, 9.6409**, and if you desaturate by 10%, it is **39.8450, 11.9084, 7.1519**.

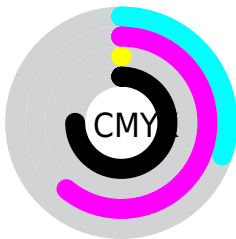
Distribution



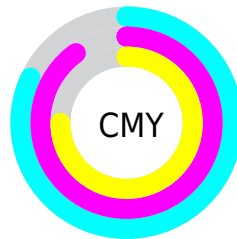
- Red (18%)
- Green (10%)
- Blue (25%)



- Red (18%)
- Yellow (10%)
- Blue (25%)



- Cyan (30%)
- Magenta (61%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.4260, 14.0870, 8.3964 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 35.4260, 14.0870, 8.3964 by changing the saturation by 10% instead.

■ 35.4260, 14.0870,
8.3964

■ 35.4260, 14.0870,
8.3964

■ 254.4130, 0.2894,
0.5148

■ 12.2630, 14.6603,
11.1703

■ 80.7790, 15.3920,
9.8408

■ 2.8670, 8.4466,
-2.5144

■ 105.3060, 16.1181,
10.2556

■ 0.0000, 0.0000,
0.0000

■ 130.7190, 16.4075,
10.7704

■ 156.5450, 16.9863,
11.8000

■ 183.6590, 17.4231,
11.7001

■ 211.4850, 18.0019,

12.7297

237.0910, 8.8291,
14.8292

35.4260, 14.0870,
8.3964

35.4260, 14.0870,
8.3964

31.0070, 16.2655,
9.6409

39.8450, 11.9084,
7.1519

26.0010, 18.7335,
11.4001

44.8510, 9.4405,
5.3927

21.5820, 20.9121,
12.6446

49.2700, 7.2619,
4.1482

17.1630, 23.0906,
13.8890

54.2760, 4.7939,
2.3889

58.9940, 2.4680,
1.7593

■ 63.4130, 0.2894,
0.5148

■ 68.4190, -2.1786,
-1.2445

■ 72.8380, -4.3571,
-2.4889

■ 77.8440, -6.8251,
-4.2482

Harmonies

Analogous

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



28.2800, 22.0470, -24.8016



35.4260, 14.0870, 8.3964



33.0000, 6.9020, 26.3100

Triad

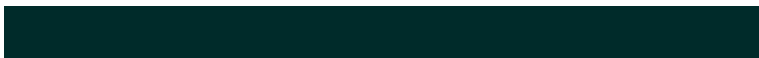
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.4260, 14.0870, 8.3964



32.8700, -16.2049, 17.6540



30.0290, 5.9017, -26.3354

Complementary

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



35.4260, 14.0870, 8.3964



53.5740, -14.0870, -8.3964

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.



27.6350, -3.2711, -24.2359



35.4260, 14.0870, 8.3964



32.1950, -15.8721, 4.2140

Square

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



35.4260, 14.0870, 8.3964



31.5170, -14.0589, 29.3646



27.9650, -13.7867, -11.3703



32.1950, 14.2009, -28.2350

Rectangle

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



35.4260, 14.0870, 8.3964



31.5510, 1.2074, 32.8428



27.9650, -13.7867, -11.3703



29.2310, 2.8441, -25.6356

Sweetspot

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



35.4260, 14.0870, 8.3964



73.1020, 5.3727, 3.4185



41.1860, 11.2473, -14.1951



36.5210, 3.1941, 2.1741



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



35.4260, 14.0870, 8.3964



39.2230, 22.0751, 12.9594



41.1070, 11.2862, 20.0772



30.9400, 1.0156, 0.9296



26.0080, 34.9991, 21.0410



59.9210, 80.8909, 48.3043

Inverse Universe

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



38.8270, 2.5503, 22.0767



44.6590, 4.1121, 34.5021



47.8930, -11.2862, -20.0772



31.0110, -0.0054, 1.7444



34.3610, 6.2310, 54.9344



79.4020, 14.5918, 126.8124

Previews

White Background



This preview shows how the YUV color 35.4260, 14.0870, 8.3964 looks on a white background.

Color Contrast Check

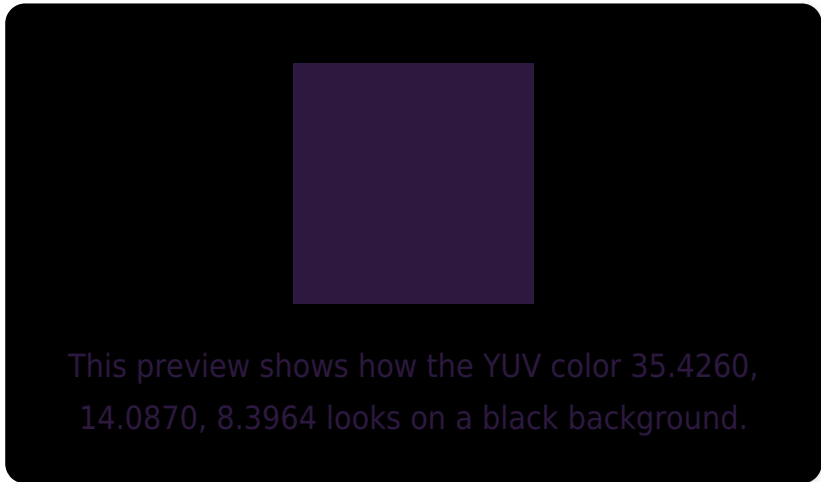
Large Text (above 18pt) WCAG AA ✓ Pass

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

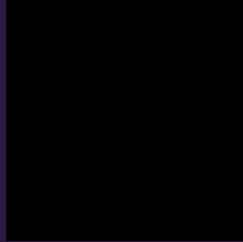
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.4260, 14.0870, 8.3964

Background



This preview shows how black text looks on a background with the YUV color 35.4260, 14.0870, 8.3964.



This preview shows how white text looks on a background with the YUV color 35.4260, 14.0870,

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

35.4260, 14.0870, 8.3964

Protanopia

28.1660, 21.6102, -24.7016

Deuteranopia

30.6030, 15.4787, -18.0688



Tritanopia

35.4350, 0.2785, 4.0035

Trichromacy



Original Color

35.4260, 14.0870, 8.3964

Protanomaly

30.8470, 18.8094, -13.0208

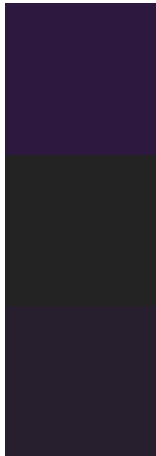
Deuteranomaly

32.2560, 15.1568, -8.1175

Tritanomaly

35.4120, 5.2199, 5.7777

Monochromacy



Original Color

35.4260, 14.0870, 8.3964

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1020, 5.3727, 3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.4260, 14.0870, 8.3964 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(45, 25, 64)` looks like.

```
.text, #text, p{  
    color:rgb(45, 25, 64)  
}
```

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(45, 25, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 25, 64) }
```

Border

The CSS property to change the border of an element to YUV 35.4260, 14.0870, 8.3964 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(45, 25, 64) }
```


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

```
.border{ border-color:rgb(45, 25, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 25, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 25, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 25, 64);  
box-shadow:4px 4px 4px 4px rgb(45, 25, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.4260, 14.0870, 8.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 25, 64) }
```

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

```
.background{ background-color: rgb(45, 25,  
64) }
```

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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