

Converting Colors

YUV(41.8310, 36.5653,
-14.7608)

Have a look what the booklet for
YUV(41.8310, 36.5653, -14.7608)
contains.

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Color

**YUV(41.8310, 36.5653,
-14.7608)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 192474 |
| RGB | 25, 36, 116 |
| RGB Percent | 10%, 14%, 45% |
| CMY | 0.9020, 0.8588, 0.5451 |
| CMYK | 0.78, 0.69, 0.00, 0.55 |
| HSL | 233°, 65%, 28% |
| HSV | 233°, 78%, 45% |
| XYZ | 4.1842, 2.7294, 16.8293 |
| YIQ | 41.8310, -32.2360, 22.5480 |

Conversions

Conversions Part 2

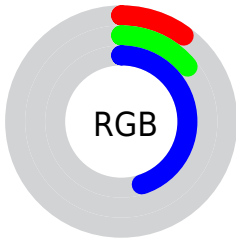
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 25, 35, 116 |
| Decimal | 1647732 |
| CIE _{Lab} | 18.93, 26.00, -47.12 |
| CIE _{LCh} | 19, 53.816, 298.896 |
| Y _{xy} | 2.7294, 0.1762, 0.1150 |
| Android (android.graphics.Color) | 4279837812 (0xFF192474) |
| YUV | 41.8310, 36.5653, -14.7608 |
| Hunter-Lab | 16.5208, 16.2965, -48.8324 |

Details

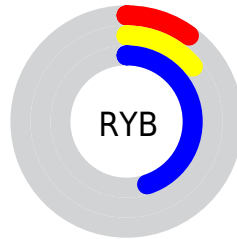
The YUV color **41.8310, 36.5653, -14.7608** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **99.1690, -36.5653, 14.7608**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2280, 37.8486, -6.3390**, and **7.6380, 29.2655, -6.6985** is the 20% darker color. If you saturate the color by 10%, you get **32.3730, 41.2281, -16.9901**, and if you desaturate by 10%, it is **51.2890, 31.9025, -12.5315**.

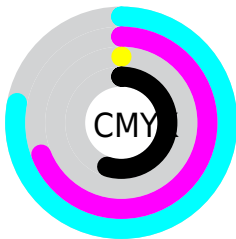
Distribution



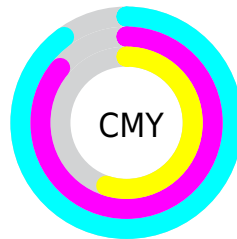
- Red (10%)
- Green (14%)
- Blue (45%)



- Red (10%)
- Yellow (14%)
- Blue (45%)



- Cyan (78%)
- Magenta (69%)
- Yellow (0%)
- Black (55%)



- Cyan (90%)
- Magenta (86%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.8310, 36.5653, -14.7608 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 41.8310, 36.5653, -14.7608 by changing the saturation by 10% instead.

■ 41.8310, 36.5653,
-14.7608

■ 41.8310, 36.5653,
-14.7608

■ 255.0000, 0.0000,
0.0000

■ 19.7660, 35.1184,
-17.3348

■ 92.2280, 37.8486,
-6.3390

■ 7.6380, 29.2655,
-6.6985

■ 117.5810, 39.1536,
-4.8945

■ 6.7770, 18.3509,
-5.9434

■ 143.8200, 40.0217,
-3.3501

■ 3.0950, 9.3202,
-2.7143

■ 170.7600, 41.0373,
-2.4205

■ 0.0000, 0.0000,
0.0000

■ 195.0950, 29.5332,
0.7937

■ 220.2020, 17.1554,

4.2078

245.6080, 4.6303,
8.2368

41.8310, 36.5653,
-14.7608

41.8310, 36.5653,
-14.7608

32.3730, 41.2281,
-16.9901

51.2890, 31.9025,
-12.5315

23.2140, 45.7435,
-18.6047

60.4480, 27.3871,
-10.9169

21.4420, 46.6171,
-18.8046

70.4930, 22.4350,
-9.2024

79.6520, 17.9196,
-7.5878

89.1100, 13.2568,
-5.3585

■ 98.5680, 8.5940,
-3.1291

■ 107.7270, 4.0786,
-1.5146

■ 117.7720, -0.8736,
0.2000

■ 126.9310, -5.3890,
1.8145

Harmonies

Analogous

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



44.8880, 39.9882, -39.3668



41.8310, 36.5653, -14.7608



36.5290, 24.8822, 46.0171

Triad

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



41.8310, 36.5653, -14.7608



40.4000, -19.9172, 41.7452



40.1220, 1.4189, -35.1870

Complementary

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



41.8310, 36.5653, -14.7608



99.1690, -36.5653, 14.7608

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.



34.0460, -16.7847, -29.8583



41.8310, 36.5653, -14.7608



43.4690, -21.4302, 13.6207

Square

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



41.8310, 36.5653, -14.7608



33.0190, -11.8414, 64.8813



36.7810, -18.1330, -17.3479



45.2690, 18.6014, -39.7009

Rectangle

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



41.8310, 36.5653, -14.7608



38.4630, 11.6037, 58.3529



36.7810, -18.1330, -17.3479



38.6400, -4.2595, -33.8873

Sweetspot

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



41.8310, 36.5653, -14.7608



121.0390, 14.2778, -6.1732



87.4230, 8.1725, -54.7450



58.3830, 9.1782, -3.8439



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



41.8310, 36.5653, -14.7608



35.0530, 56.6689, -22.8485



45.2410, 34.8842, 11.1896



53.6840, 2.6208, -0.5999



22.7130, 48.9485, -19.9193



46.1100, 100.5178, -40.4385

Inverse Universe

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



53.4630, -8.6093, 54.8449



53.0970, -13.3588, 84.9839



95.7590, -34.8842, -11.1896



54.7940, -0.8844, 3.6887



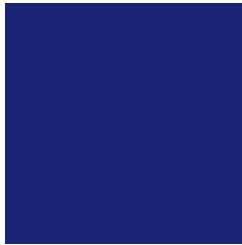
38.1880, -11.4317, 73.5031



78.1700, -23.7478, 150.6949

Previews

White Background



This preview shows how the YUV color 41.8310, 36.5653, -14.7608 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 41.8310, 36.5653, -14.7608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

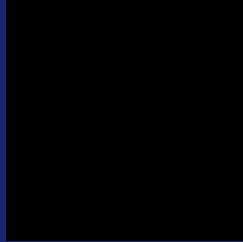
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.8310, 36.5653, -14.7608

Background



This preview shows how black text looks on a background with the YUV color 41.8310, 36.5653, -14.7608.



This preview shows how white text looks on a background with the YUV color 41.8310, 36.5653,

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

41.8310, 36.5653, -14.7608

Protanopia

37.2450, 28.4732, -32.6639

Deuteranopia

37.4100, 21.4899, -32.8086



Tritanopia

36.7940, 8.9756, -32.2683

Trichromacy



Original Color

41.8310, 36.5653, -14.7608

Protanomaly

39.0870, 31.5091, -26.3863

Deuteranomaly

39.2350, 26.9991, -26.5161

Tritanomaly

38.4710, 18.9948, -25.8461

Monochromacy



Original Color

41.8310, 36.5653, -14.7608

Achromatopsia

42.0000, 0.0000, 0.0000

Achromatomaly

42.1100, 13.2568, -5.3585

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.8310, 36.5653, -14.7608 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(25, 36, 116)` looks like.

```
.text, #text, p{  
    color:rgb(25, 36, 116)  
}
```

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(25, 36, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 36, 116) }
```

Border

The CSS property to change the border of an element to YUV 41.8310, 36.5653, -14.7608 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(25, 36, 116) }
```


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

```
.border{ border-color:rgb(25, 36, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 36, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 36, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 36, 116);  
box-shadow:4px 4px 4px 4px rgb(25, 36,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 41.8310, 36.5653, -14.7608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 36, 116) }
```

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

```
.background{ background-color: rgb(25, 36,  
116) }
```

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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