

Converting Colors

YUV(74.8750, 9.4286, -37.6014)

Have a look what the booklet for
YUV(74.8750, 9.4286, -37.6014)
contains.

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Color

**YUV(74.8750, 9.4286,
-37.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	205D5E
RGB	32, 93, 94
RGB Percent	13%, 36%, 37%
CMY	0.8745, 0.6353, 0.6314
CMYK	0.66, 0.01, 0.00, 0.63
HSL	181°, 49%, 25%
HSV	181°, 66%, 37%
XYZ	6.5304, 8.9439, 11.9718
YIQ	74.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

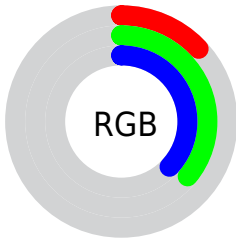
Format	Color
R_{YB}	32, 63, 94
Decimal	2121054
CIE _{Lab}	35.88, -18.82, -6.37
CIE _{LCh}	36, 19.866, 198.710
Yxy	8.9439, 0.2379, 0.3259
Android (android.graphics.Color)	4280311134 (0xFF205D5E)
YUV	74.8750, 9.4286, -37.6014
Hunter-Lab	29.9064, -13.3587, -2.7999




Details

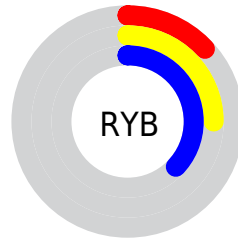
The YUV color **74.8750, 9.4286, -37.6014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.1250, -9.4286, 37.6014**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.3590, 8.6970, -36.2718**, and **33.0610, 7.3649, -28.9945** is the 20% darker color. If you saturate the color by 10%, you get **72.1840, 10.7553, -43.1344**, and if you desaturate by 10%, it is **77.5660, 8.1020, -32.0684**.

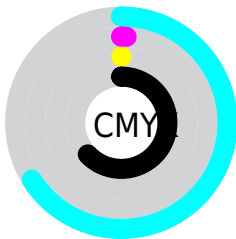
Distribution







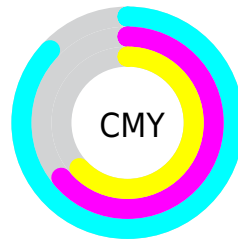
-  Red (13%)
-  Green (36%)
-  Blue (37%)






-  Red (13%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (66%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (87%)
-  Magenta (64%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8750, 9.4286, -37.6014 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 74.8750, 9.4286, -37.6014 by changing the saturation by 10% instead.

■ 74.8750, 9.4286,
-37.6014

■ 74.8750, 9.4286,
-37.6014

■ 255.0000, 0.0000,
0.0000

■ 48.4830, 10.6079,
-42.5196

■ 126.3590, 8.6970,
-36.2718

■ 33.0610, 7.3649,
-28.9945

■ 152.4730, 9.1338,
-36.3718

■ 18.9270, 3.9800,
-16.5990

■ 180.0600, 8.8444,
-36.8866

■ 0.0000, 0.0000,
0.0000

■ 208.0600, 8.8444,
-36.8866

■ 235.8750, 9.4286,
-37.6014

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

74.8750, 9.4286,
-37.6014

74.8750, 9.4286,
-37.6014

72.1840, 10.7553,
-43.1344

77.5660, 8.1020,
-32.0684

69.1940, 12.2294,
-49.2821

80.5560, 6.6279,
-25.9206

66.5030, 13.5560,
-54.8151

83.2470, 5.3012,
-20.3876

64.7200, 14.4350,
-56.7594

86.8240, 3.5378,
-14.7546

89.5150, 2.2111,
-9.2217

■ 92.2060, 0.8844,
-3.6887

■ 95.1960, -0.5896,
2.4591

■ 97.8870, -1.9163,
7.9921

■ 100.8770, -3.3904,
14.1399

Harmonies

Analogous

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



77.8350, 0.0813, -26.1653



74.8750, 9.4286, -37.6014



75.5960, 15.9752, -37.3567

Triad

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



74.8750, 9.4286, -37.6014



86.7700, 8.9874, 10.7257



83.7880, -15.1785, 15.0949

Complementary

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



74.8750, 9.4286, -37.6014



51.1250, -9.4286, 37.6014

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.



85.0540, -11.8586, 23.6316



74.8750, 9.4286, -37.6014



86.7130, 2.1135, 22.1767

Square

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



74.8750, 9.4286, -37.6014



84.4520, 14.5672, -5.6584



86.0850, -5.4649, 26.2355



82.6400, -14.1195, 2.0697

Rectangle

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



74.8750, 9.4286, -37.6014



78.9930, 17.2585, -28.9349



86.0850, -5.4649, 26.2355



84.0380, -14.3157, 18.3837

Sweetspot

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



74.8750, 9.4286, -37.6014



114.8240, 3.5378, -14.7546



68.3940, -17.9422, -31.9175



56.8140, 2.0637, -8.6069



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



74.8750, 9.4286, -37.6014



92.7090, 14.4405, -58.5038



57.2650, 18.1104, -22.1574



44.5050, 0.7370, -3.0739



75.9360, 16.7936, -66.5959



163.7890, 36.0930, -143.6430

Inverse Universe

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



57.4920, 17.5054, 32.0175



65.5340, 27.3447, 49.5207



68.7350, -18.1104, 22.1574



43.0650, 1.4470, 2.5740



45.2020, 30.9594, 56.8278



97.4250, 66.8385, 122.4073

Previews

White Background



This preview shows how the YUV color 74.8750, 9.4286, -37.6014 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 74.8750, 9.4286, -37.6014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

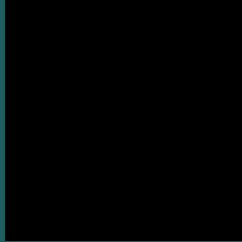
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8750, 9.4286, -37.6014

Background



This preview shows how black text looks on a background with the YUV color 74.8750, 9.4286, -37.6014.



This preview shows how white text looks on a background with the YUV color 74.8750, 9.4286, -37.6014.

-37.6014.

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

74.8750, 9.4286, -37.6014

Protanopia

84.4560, 1.7472, -0.3999

Deuteranopia

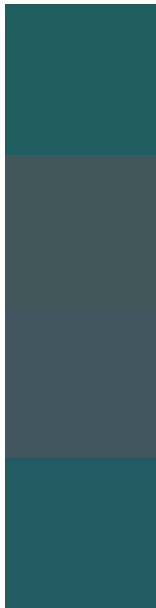
84.7920, 5.5255, 1.0594



Tritanopia

75.8690, 11.8966, -35.8421

Trichromacy



Original Color

74.8750, 9.4286, -37.6014

Protanomaly

80.7640, 4.5533, -13.8250

Deuteranomaly

81.0460, 6.8793, -13.1953

Tritanomaly

75.3420, 11.1704, -36.2569

Monochromacy



Original Color

74.8750, 9.4286, -37.6014

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8750, 9.4286, -37.6014 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(32, 93, 94)` looks like.

```
.text, #text, p{  
    color:rgb(32, 93, 94)  
}
```

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(32, 93, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 93, 94) }
```

Border

The CSS property to change the border of an element to YUV 74.8750, 9.4286, -37.6014 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(32, 93, 94) }
```


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

```
.border{ border-color:rgb(32, 93, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 93, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 93, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 93, 94);  
box-shadow:4px 4px 4px 4px rgb(32, 93, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8750, 9.4286, -37.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 93, 94) }
```

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

```
.background{ background-color: rgb(32, 93,  
94) }
```

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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