

Converting Colors

YUV(72.9090, 21.2439,
-47.2782)

Have a look what the booklet for
YUV(72.9090, 21.2439, -47.2782)
contains.

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Color

**YUV(72.9090, 21.2439,
-47.2782)**

Conversions

Conversions Part 1	
Format	Color
Hex	135C74
RGB	19, 92, 116
RGB Percent	7%, 36%, 45%
CMY	0.9255, 0.6392, 0.5451
CMYK	0.84, 0.21, 0.00, 0.55
HSL	195°, 72%, 26%
HSV	195°, 84%, 45%
XYZ	7.2481, 9.0537, 17.8885
YIQ	72.9090, -51.2120, -8.0120

Conversions

Conversions Part 2

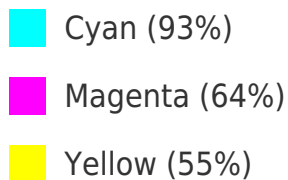
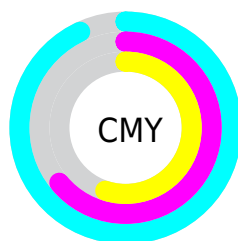
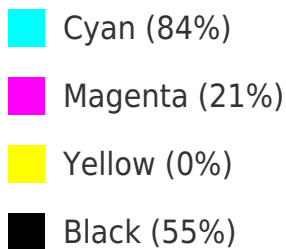
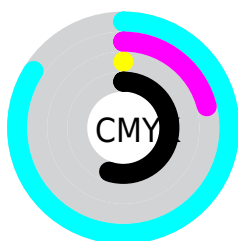
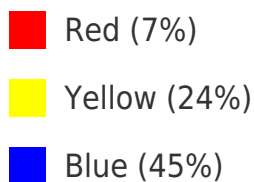
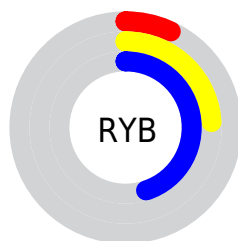
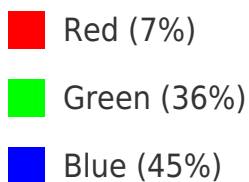
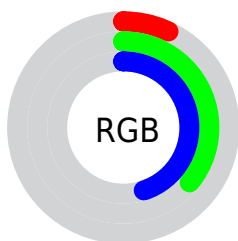
Format	Color
RYB	19, 61, 116
Decimal	1268852
CIELab	36.09, -12.48, -19.73
CIELCh	36, 23.351, 237.680
Yxy	9.0537, 0.2120, 0.2648
Android (android.graphics.Color)	4279458932 (0xFF135C74)
YUV	72.9090, 21.2439, -47.2782
Hunter-Lab	30.0894, -9.6583, -14.1861

Details

The YUV color **72.9090, 21.2439, -47.2782** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.0910, -21.2439, 47.2782**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7250, 20.3486, -40.1008**, and **34.7540, 16.3903, -30.4793** is the 20% darker color. If you saturate the color by 10%, you get **67.5600, 23.8809, -53.1111**, and if you desaturate by 10%, it is **78.2580, 18.6068, -41.4453**.

Distribution




Brightness & Saturation

Gradients


These gradients show how the YUV color 72.9090, 21.2439, -47.2782 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 72.9090, 21.2439, -47.2782 by changing the saturation by 10% instead.


 72.9090, 21.2439,
-47.2782


 72.9090, 21.2439,
-47.2782


255.0000, 0.0000,
0.0000


 50.2900, 20.0700,
-44.1043


 126.7250, 20.3486,
-40.1008


 34.7540, 16.3903,
-30.4793


 153.7250, 20.3486,
-40.1008


 20.3920, 12.1317,
-17.8838

 181.1380, 20.6380,
-39.5860

 3.4370, 10.6306,
-3.0142

 209.2520, 21.0748,
-39.6860

 0.0000, 0.0000,
0.0000

 234.9890, 9.8654,
-37.7014

 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

72.9090, 21.2439,
-47.2782

72.9090, 21.2439,
-47.2782

67.5600, 23.8809,
-53.1111

78.2580, 18.6068,
-41.4453

64.2930, 25.4916,
-56.3850

83.3080, 16.1172,
-36.2271

88.6570, 13.4801,
-30.3942

93.1200, 11.2798,
-24.6612

98.4690, 8.6428,
-18.8283

■ 103.8180, 6.0057,
-12.9954

■ 108.8680, 3.5161,
-7.7772

■ 114.2170, 0.8790,
-1.9443

■ 119.2670, -1.6106,
3.2738

Harmonies

Analogous

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



67.6920, 16.9138, -58.4889



72.9090, 21.2439, -47.2782



81.4220, 20.0050, -23.1721

Triad

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



72.9090, 21.2439, -47.2782



86.5890, 0.2026, 28.4244



81.6780, -15.1243, -2.3486

Complementary

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



72.9090, 21.2439, -47.2782



62.0910, -21.2439, 47.2782

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.



83.3810, -17.9358, 12.8209



72.9090, 21.2439, -47.2782



86.1950, -8.9701, 30.5240

Square

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



72.9090, 21.2439, -47.2782



87.4010, 8.6763, 17.1883



85.1420, -15.3530, 24.4315



78.9300, -7.3605, -19.2326

Rectangle

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



72.9090, 21.2439, -47.2782



85.1250, 17.1934, -8.0026



85.1420, -15.3530, 24.4315



82.3690, -16.4509, 3.1844

Sweetspot

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



72.9090, 21.2439, -47.2782



133.6540, 8.0586, -18.1136



78.5610, -18.0246, -52.2350



66.6010, 5.1267, -11.0511



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.



72.9090, 21.2439, -47.2782



83.4310, 32.8185, -73.1690



45.3200, 34.8452, -23.0826



56.0320, 1.4632, -2.6591



67.9120, 26.6654, -59.5588



138.8560, 54.7940, -121.7767

Inverse Universe

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



56.3250, 17.5878, 52.3350



57.7320, 27.2471, 80.9190



89.6800, -34.8452, 23.0826



55.2500, 0.8628, 3.2888



46.9660, 22.2018, 65.8048



96.1820, 45.2663, 134.8984

Previews

White Background



This preview shows how the YUV color 72.9090, 21.2439, -47.2782 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 72.9090, 21.2439, -47.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

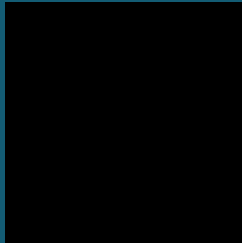
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.9090, 21.2439, -47.2782

Background



This preview shows how black text looks on a background with the YUV color 72.9090, 21.2439, -47.2782.



This preview shows how white text looks on a background with the YUV color 72.9090, 21.2439,

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

72.9090, 21.2439, -47.2782

Protanopia

85.1700, 12.2412, -6.2881

Deuteranopia

84.5870, 16.4726, -10.1618



Tritanopia

66.8060, 17.3506, -58.5889

Trichromacy

	Original Color 72.9090, 21.2439, -47.2782
	Protanomaly 80.8800, 15.3422, -20.9428
	Deuteranomaly 80.2540, 18.1158, -23.9018
	Tritanomaly 68.8820, 18.7922, -54.2705

Monochromacy

	Original Color 72.9090, 21.2439, -47.2782
	Achromatopsia 73.0000, 0.0000, 0.0000
	Achromatomaly 72.9530, 7.9112, -17.4988

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.9090, 21.2439, -47.2782 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(19, 92, 116)` looks like.

```
.text, #text, p{  
    color:rgb(19, 92, 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(19, 92, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 92, 116) }
```

Border

The CSS property to change the border of an element to YUV 72.9090, 21.2439, -47.2782 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(19, 92, 116) }
```


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

```
.border{ border-color:rgb(19, 92, 116) }
```

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

Here you see how a box with a 4 pixel rgb(19, 92, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 92, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 92, 116);  
box-shadow:4px 4px 4px 4px rgb(19, 92,  
116) }
```


Background

The CSS property to change the background color of an element to YUV 72.9090, 21.2439, -47.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 92, 116) }
```

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

```
.background{ background-color: rgb(19, 92,  
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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