

Converting Colors

YUV(72.4270, 15.5655,
-45.9785)

Have a look what the booklet for
YUV(72.4270, 15.5655, -45.9785)
contains.

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Color

**YUV(72.4270, 15.5655,
-45.9785)**

Conversions

Conversions Part 1

Format	Color
Hex	145D68
RGB	20, 93, 104
RGB Percent	8%, 36%, 41%
CMY	0.9216, 0.6353, 0.5922
CMYK	0.81, 0.11, 0.00, 0.59
HSL	188°, 68%, 24%
HSV	188°, 81%, 41%
XYZ	6.7015, 8.9769, 14.4762
YIQ	72.4270, -47.0390, -12.0550

Conversions

Conversions Part 2

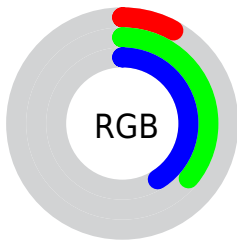
Format	Color
RYB	20, 59, 104
Decimal	1334632
CIELab	35.94, -17.32, -12.53
CIELCh	36, 21.372, 215.879
Yxy	8.9769, 0.2222, 0.2977
Android (android.graphics.Color)	4279524712 (0xFF145D68)
YUV	72.4270, 15.5655, -45.9785
Hunter-Lab	29.9615, -12.5072, -7.6736

Details

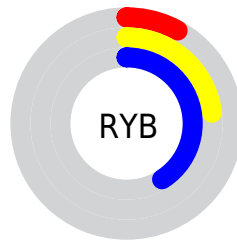
The YUV color **72.4270, 15.5655, -45.9785** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **51.5730, -15.5655, 45.9785**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8190, 14.3862, -41.0603**, and **34.0870, 11.2961, -29.8943** is the 20% darker color. If you saturate the color by 10%, you get **68.8500, 17.3290, -51.6114**, and if you desaturate by 10%, it is **76.0040, 13.8020, -40.3455**.

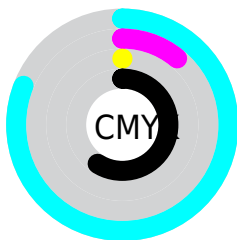
Distribution



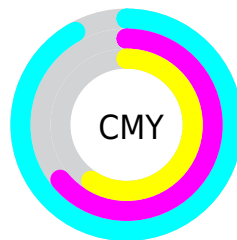
- Red (8%)
- Green (36%)
- Blue (41%)



- Red (8%)
- Yellow (23%)
- Blue (41%)



- Cyan (81%)
- Magenta (11%)
- Yellow (0%)
- Black (59%)



- Cyan (92%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.4270, 15.5655, -45.9785 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 72.4270, 15.5655, -45.9785 by changing the saturation by 10% instead.

72.4270, 15.5655,
-45.9785

72.4270, 15.5655,
-45.9785

255.0000, 0.0000,
0.0000

49.6230, 14.9759,
-43.5194

125.8190, 14.3862,
-41.0603

34.0870, 11.2961,
-29.8943

152.2320, 14.6756,
-40.5455

19.8390, 7.4744,
-17.3988

179.3460, 15.1124,
-40.6454

2.0690, 5.3890,
-1.8145

207.9330, 14.8230,
-41.1602

0.0000, 0.0000,
0.0000

234.6790, 10.0183,
-40.0605

243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

72.4270, 15.5655,
-45.9785

72.4270, 15.5655,
-45.9785

68.8500, 17.3290,
-51.6114

76.0040, 13.8020,
-40.3455

64.6860, 19.3818,
-56.7296

80.4670, 11.6018,
-34.6126

84.0440, 9.8383,
-28.9796

87.9200, 7.9274,
-22.7318

92.0840, 5.8746,
-17.6137

■ 95.6610, 4.1111,
-11.9807

■ 100.1240, 1.9109,
-6.2477

■ 103.7010, 0.1474,
-0.6148

■ 107.5770, -1.7635,
5.6330

Harmonies

Analogous

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



74.6640, 6.0816, -37.4163



72.4270, 15.5655, -45.9785



77.3020, 18.5851, -34.4679

Triad

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



72.4270, 15.5655, -45.9785



86.7280, 6.0501, 19.5325



83.4020, -16.4672, 8.4174

Complementary

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



72.4270, 15.5655, -45.9785



51.5730, -15.5655, 45.9785

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.



84.8210, -15.1948, 20.3280



72.4270, 15.5655, -45.9785



86.3070, -2.1234, 27.7948

Square

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



72.4270, 15.5655, -45.9785



86.3500, 12.6455, 4.0781



85.8310, -10.2697, 27.3352



80.7530, -12.2032, -5.9224

Rectangle

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



72.4270, 15.5655, -45.9785



81.5640, 17.9629, -21.5426



85.8310, -10.2697, 27.3352



83.7230, -16.6254, 12.5209

Sweetspot

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



72.4270, 15.5655, -45.9785



123.0840, 5.8746, -17.6137



70.4480, -19.9409, -44.2429



61.2590, 3.8163, -10.7511



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



72.4270, 15.5655, -45.9785



85.8520, 24.2300, -71.7842



48.3600, 27.4305, -24.8717



48.9180, 1.0264, -2.5591



71.8100, 21.2927, -62.9774



151.4450, 44.6436, -132.8173

Inverse Universe

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



53.4380, 19.5041, 44.3429



56.1650, 30.4847, 69.1383



75.6400, -27.4305, 24.8717



47.9510, 1.0102, 2.6740



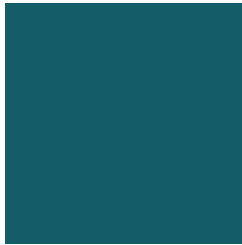
45.7850, 26.7280, 60.7016



96.4120, 56.4919, 127.6807

Previews

White Background



This preview shows how the YUV color 72.4270, 15.5655, -45.9785 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 72.4270, 15.5655, -45.9785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

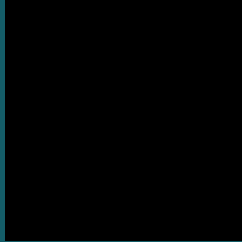
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.4270, 15.5655, -45.9785

Background



This preview shows how black text looks on a background with the YUV color 72.4270, 15.5655, -45.9785.



This preview shows how white text looks on a background with the YUV color 72.4270, 15.5655, -45.9785.

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

72.4270, 15.5655, -45.9785

Protanopia

84.9980, 6.4100, -2.6292

Deuteranopia

85.0240, 10.3412, -3.5290



Tritanopia

71.1880, 14.6973, -47.5229

Trichromacy



Original Color

72.4270, 15.5655, -45.9785

Protanomaly

80.1100, 9.8058, -18.5135

Deuteranomaly

80.6800, 11.9898, -19.0134

Tritanomaly

71.6010, 14.9867, -47.0081

Monochromacy



Original Color

72.4270, 15.5655, -45.9785

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.3830, 5.7272, -16.9989

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.4270, 15.5655, -45.9785 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(20, 93, 104)` looks like.

```
.text, #text, p{  
    color:rgb(20, 93, 104)  
}
```

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(20, 93, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 93, 104) }
```

Border

The CSS property to change the border of an element to YUV 72.4270, 15.5655, -45.9785 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(20, 93, 104) }
```


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

```
.border{ border-color:rgb(20, 93, 104) }
```

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

Here you see how a box with a 4 pixel rgb(20, 93, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 93, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 93, 104);  
box-shadow:4px 4px 4px 4px rgb(20, 93,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 72.4270, 15.5655, -45.9785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 93, 104) }
```

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

```
.background{ background-color: rgb(20, 93,  
104) }
```

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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