

Converting Colors

YUV(68.5290, 14.5292, 6.5521)

Have a look what the booklet for
YUV(68.5290, 14.5292, 6.5521)
contains.

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Color

**YUV(68.5290, 14.5292,
6.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3B62
RGB	76, 59, 98
RGB Percent	30%, 23%, 38%
CMY	0.7020, 0.7686, 0.6157
CMYK	0.22, 0.40, 0.00, 0.62
HSL	266°, 25%, 31%
HSV	266°, 40%, 38%
XYZ	6.7491, 5.5463, 12.2701
YIQ	68.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

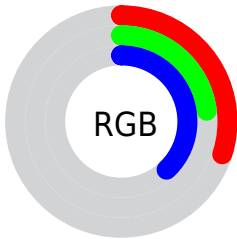
Format	Color
RYB	76, 59, 98
Decimal	4995938
CIELab	28.24, 16.37, -20.33
CIElCh	28, 26.102, 308.837
Yxy	5.5463, 0.2747, 0.2258
Android (android.graphics.Color)	4283186018 (0xFF4C3B62)
YUV	68.5290, 14.5292, 6.5521
Hunter-Lab	23.5505, 9.9408, -14.4054




Details

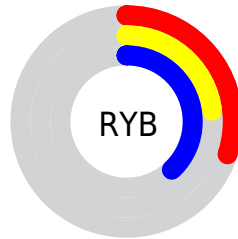
The YUV color **68.5290, 14.5292, 6.5521** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **88.4710, -14.5292, -6.5521**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **116.8820, 15.8342, 7.9965**, and **24.7630, 12.9348, 4.5928** is the 20% darker color. If you saturate the color by 10%, you get **60.8650, 18.3076, 8.0114**, and if you desaturate by 10%, it is **76.1930, 10.7509, 5.0927**.

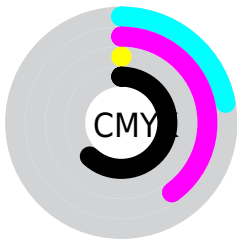
Distribution







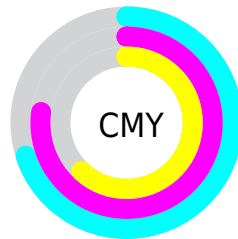
-  Red (30%)
-  Green (23%)
-  Blue (38%)






-  Red (30%)
-  Yellow (23%)
-  Blue (38%)



-  Cyan (22%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (70%)
-  Magenta (77%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5290, 14.5292, 6.5521 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 68.5290, 14.5292, 6.5521 by changing the saturation by 10% instead.

■ 68.5290, 14.5292,
6.5521

■ 68.5290, 14.5292,
6.5521

■ 255.0000, 0.0000,
0.0000

■ 46.0020, 13.8030,
6.1372

■ 116.8820, 15.8342,
7.9965

■ 24.7630, 12.9348,
4.5928

■ 142.9960, 16.2710,
7.8965

■ 4.3170, 12.6617,
-1.1550

■ 169.4090, 16.5604,
8.4113

■ 0.0000, 0.0000,
0.0000

■ 196.5230, 16.9972,
8.3113

■ 224.3660, 15.1026,
9.3260

■ 246.7820, 4.0515,

7.2072

■ 68.5290, 14.5292,
6.5521

■ 68.5290, 14.5292,
6.5521

■ 60.8650, 18.3076,
8.0114

■ 76.1930, 10.7509,
5.0927

■ 53.5000, 21.9385,
10.0855

■ 83.5580, 7.1199,
3.0186

■ 46.4230, 25.4275,
11.0300

■ 90.6350, 3.6309,
2.0741

■ 39.0580, 29.0584,
13.1041

■ 98.0000, 0.0000,
0.0000

■ 31.3940, 32.8368,
14.5635

■ 105.6640, -3.7784,
-1.4593

■ 24.0290, 36.4677,
16.6376

■ 113.0290, -7.4093,
-3.5334

■ 120.6930,
-11.1876, -4.9928

■ 127.4710,
-14.5292, -6.5521

■ 135.1350,
-18.3076, -8.0114

Harmonies

Analogous

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



64.2700, 20.5729, -18.6538



68.5290, 14.5292, 6.5521



68.5760, 6.6180, 24.0508

Triad

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



68.5290, 14.5292, 6.5521



65.4360, -17.9629, 21.5426



53.4070, 9.1663, -46.8379

Complementary

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



68.5290, 14.5292, 6.5521



88.4710, -14.5292, -6.5521

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.



57.0040, -2.9600, -30.6985



68.5290, 14.5292, 6.5521



64.0060, -19.2300, 7.8877

Square

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



68.5290, 14.5292, 6.5521



66.3970, -12.0277, 31.2238



61.9760, -13.7922, -9.6260



54.9860, 17.7549, -48.2227

Rectangle

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



68.5290, 14.5292, 6.5521



67.8990, 0.0498, 30.7836



61.9760, -13.7922, -9.6260



52.6090, 6.1088, -46.1381

Sweetspot

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



68.5290, 14.5292, 6.5521



115.9170, 5.9569, 2.7038



76.3600, 10.6685, -15.2247



57.2220, 3.3416, 1.5593



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



68.5290, 14.5292, 6.5521



81.1410, 23.1015, 10.4003



74.2100, 11.7285, 18.2328



45.0540, 1.4524, 0.8296



27.4190, 41.6984, 18.9265



58.4560, 89.5012, 39.9421

Inverse Universe

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



73.1690, 3.8607, 21.7768



88.5280, 6.1487, 34.6169



82.7900, -11.7285, -18.2328



45.4240, 0.2840, 2.2592



40.6700, 11.0087, 62.5564



87.1500, 23.5901, 134.0495

Previews

White Background



This preview shows how the YUV color 68.5290, 14.5292, 6.5521 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 68.5290, 14.5292, 6.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

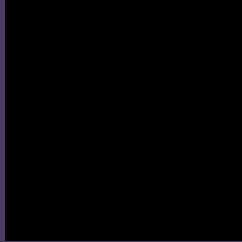
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.5290, 14.5292, 6.5521

Background



This preview shows how black text looks on a background with the YUV color 68.5290, 14.5292, 6.5521.



This preview shows how white text looks on a background with the YUV color 68.5290, 14.5292,

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

68.5290, 14.5292, 6.5521

Protanopia

66.4450, 18.5146, -11.7913

Deuteranopia

66.2450, 15.1622, -9.8619



Tritanopia

67.3640, 1.2995, 3.1888

Trichromacy



Original Color

68.5290, 14.5292, 6.5521

Protanomaly

66.8480, 17.3299, -5.1287

Deuteranomaly

66.8760, 14.8511, -3.3993

Tritanomaly

67.9280, 5.9515, 4.4481

Monochromacy



Original Color

68.5290, 14.5292, 6.5521

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.8030, 5.5201, 2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5290, 14.5292, 6.5521 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(76, 59, 98)` looks like.

```
.text, #text, p{  
    color:rgb(76, 59, 98)  
}
```

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(76, 59, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 59, 98) }
```

Border

The CSS property to change the border of an element to YUV 68.5290, 14.5292, 6.5521 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(76, 59, 98) }
```


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

```
.border{ border-color:rgb(76, 59, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 59, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 59, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 59, 98);  
box-shadow:4px 4px 4px 4px rgb(76, 59, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5290, 14.5292, 6.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 59, 98) }
```

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

```
.background{ background-color: rgb(76, 59,  
98) }
```

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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