

Converting Colors

YUV(108.1280, 29.5169, 6.0267)

Have a look what the booklet for
YUV(108.1280, 29.5169, 6.0267)
contains.

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Color

**YUV(108.1280, 29.5169,
6.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	735DA8
RGB	115, 93, 168
RGB Percent	45%, 36%, 66%
CMY	0.5490, 0.6353, 0.3412
CMYK	0.32, 0.45, 0.00, 0.34
HSL	258°, 30%, 51%
HSV	258°, 45%, 66%
XYZ	18.0525, 14.3007, 38.8546
YIQ	108.1280, -10.9630, 27.9890

Conversions

Conversions Part 2

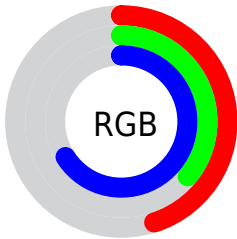
Format	Color
R_{YB}	115, 93, 168
Decimal	7560616
CIE _{Lab}	44.66, 25.94, -37.27
CIE _{LCh}	45, 45.410, 304.837
Yxy	14.3007, 0.2535, 0.2008
Android (android.graphics.Color)	4285750696 (0xFF735DA8)
YUV	108.1280, 29.5169, 6.0267
Hunter-Lab	37.8163, 19.0327, -34.4466

Details

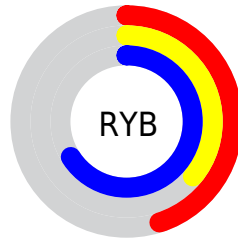
The YUV color **108.1280, 29.5169, 6.0267** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **152.8720, -29.5169, -6.0267**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5950, 31.2587, 7.3712**, and **59.2480, 27.4857, 4.1675** is the 20% darker color. If you saturate the color by 10%, you get **94.5610, 36.2054, 7.4010**, and if you desaturate by 10%, it is **121.6950, 22.8284, 4.6525**.

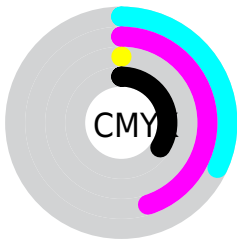
Distribution



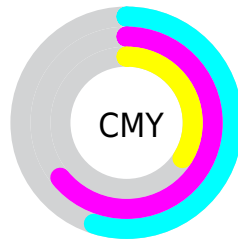
- Red (45%)
- Green (36%)
- Blue (66%)



- Red (45%)
- Yellow (36%)
- Blue (66%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (34%)



- Cyan (55%)
- Magenta (64%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1280, 29.5169, 6.0267 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 108.1280, 29.5169, 6.0267 by changing the saturation by 10% instead.

■ 108.1280, 29.5169,
6.0267

■ 108.1280, 29.5169,
6.0267

■ 255.0000, 0.0000,
0.0000

■ 83.1880, 28.5013,
5.0971

■ 160.5950, 31.2587,
7.3712

■ 59.2480, 27.4857,
4.1675

■ 187.4210, 31.8374,
8.4008

■ 36.2970, 26.4756,
1.4935

■ 212.5710, 20.9175,
10.9002

■ 12.1010, 27.0652,
-0.9656

■ 237.6780, 8.5397,
14.3144

■ 5.6030, 18.9297,
-4.9138

■ 254.4130, 0.2894,
0.5148

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 108.1280, 29.5169,
6.0267

■ 108.1280, 29.5169,
6.0267

■ 94.5610, 36.2054,
7.4010

■ 121.6950, 22.8284,
4.6525

■ 80.9940, 42.8940,
8.7753

■ 135.2620, 16.1398,
3.2782

■ 68.0140, 49.2931,
9.6347

■ 148.2420, 9.7407,
2.4188

■ 54.7460, 55.8342,
11.6238

■ 161.5100, 3.1996,
0.4297

■ 41.1790, 62.5228,
12.9980

■ 175.0770, -3.4890,
-0.9445

■ 33.8030, 66.1591,
13.3278

■ 188.6440,
-10.1775, -2.3188

■ 202.2110,
-16.8660, -3.6930

■ 215.1910,
-23.2652, -4.5525

■ 228.7580,
-29.9537, -5.9268

Harmonies

Analogous

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



92.7010, 43.5314, -55.8658



108.1280, 29.5169, 6.0267



107.5750, 14.9995, 42.4687

Triad

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



108.1280, 29.5169, 6.0267



103.1430, -33.5945, 41.9706



85.4420, 12.6001, -74.9326

Complementary

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



108.1280, 29.5169, 6.0267



152.8720, -29.5169, -6.0267

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.



81.6160, -4.7407, -66.3152



108.1280, 29.5169, 6.0267



100.6100, -38.7547, 17.0050

Square

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



108.1280, 29.5169, 6.0267



103.4390, -18.9504, 58.3740



96.7570, -28.4742, -13.8189



89.0730, 29.0510, -78.1170

Rectangle

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



108.1280, 29.5169, 6.0267



105.5030, 4.1890, 56.5639



96.7570, -28.4742, -13.8189



83.3730, 7.2111, -73.1181

Sweetspot

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



108.1280, 29.5169, 6.0267



196.5840, 11.0511, 2.1188



133.2480, 17.1327, -35.2975



95.5470, 7.1253, 1.2743



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



108.1280, 29.5169, 6.0267



124.9170, 46.3829, 9.7198



119.1910, 24.0628, 28.7735



77.5100, 3.1996, 0.4297



29.7290, 58.3076, 11.6387



4.0740, 7.8515, 1.6891

Inverse Universe

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



121.4670, 12.0948, 40.8094



145.8580, 19.2970, 64.1455



141.8090, -24.0628, -28.7735



79.0760, 1.4415, 4.3183



56.2220, 24.0476, 80.4893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 108.1280, 29.5169, 6.0267 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 × Fail

Black Background



This preview shows how the YUV color 108.1280, 29.5169, 6.0267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

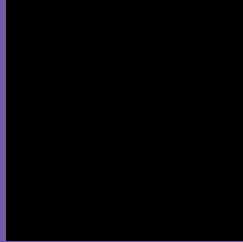
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 108.1280, 29.5169, 6.0267

Background



This preview shows how black text looks on a background with the YUV color 108.1280, 29.5169, 6.0267.



This preview shows how white text looks on a background with the YUV color 108.1280, 29.5169,

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

108.1280, 29.5169, 6.0267

Protanopia

103.0640, 36.4504, -24.6121

Deuteranopia

103.1580, 30.4881, -25.5716



Tritanopia

105.7270, 4.0786, -1.5146

Trichromacy



Original Color

108.1280, 29.5169, 6.0267

Protanomaly

104.8590, 34.0865, -13.0313

Deuteranomaly

104.8220, 30.1608, -13.8759

Tritanomaly

106.8550, 13.3825, 1.0042

Monochromacy



Original Color

108.1280, 29.5169, 6.0267

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.4700, 10.6143, 2.2188

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1280, 29.5169, 6.0267 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(115, 93, 168)` looks like.

```
.text, #text, p{  
    color:rgb(115, 93, 168)  
}
```

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(115, 93, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 93, 168) }
```

Border

The CSS property to change the border of an element to YUV 108.1280, 29.5169, 6.0267 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(115, 93, 168) }
```


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

```
.border{ border-color:rgb(115, 93, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 93, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 93, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 93, 168); box-shadow:4px 4px 4px 4px rgb(115, 93, 168) }
```

Background

The CSS property to change the background color of an element to YUV 108.1280, 29.5169, 6.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 93, 168) }
```

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

```
.background{ background-color: rgb(115, 93,  
168) }
```

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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