

Converting Colors

YUV(104.0710, 59.6180,
11.3387)

Have a look what the booklet for
YUV(104.0710, 59.6180, 11.3387)
contains.

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Color

**YUV(104.0710, 59.6180,
11.3387)**

Conversions

Conversions Part 1

Format	Color
Hex	754AE1
RGB	117, 74, 225
RGB Percent	46%, 29%, 88%
CMY	0.5412, 0.7098, 0.1176
CMYK	0.48, 0.67, 0.00, 0.12
HSL	257°, 72%, 59%
HSV	257°, 67%, 88%
XYZ	23.3755, 14.1157, 72.7267
YIQ	104.0710, -22.8430, 56.0770

Conversions

Conversions Part 2

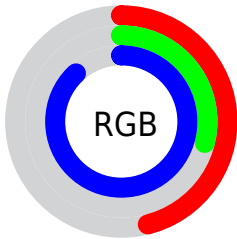
Format	Color
R_{YB}	117, 74, 225
Decimal	7686881
CIE _{Lab}	44.40, 52.93, -70.69
CIE _{LCh}	44, 88.309, 306.822
Yxy	14.1157, 0.2121, 0.1281
Android (android.graphics.Color)	4285876961 (0xFF754AE1)
YUV	104.0710, 59.6180, 11.3387
Hunter-Lab	37.5709, 45.3085, -88.4693

Details

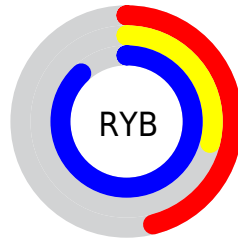
The YUV color **104.0710, 59.6180, 11.3387** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **194.9290, -59.6180, -11.3387**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0690, 49.2660, 18.3565**, and **48.5000, 58.9135, 3.9465** is the 20% darker color. If you saturate the color by 10%, you get **86.3730, 68.3431, 12.8279**, and if you desaturate by 10%, it is **122.3560, 50.6035, 9.3348**.

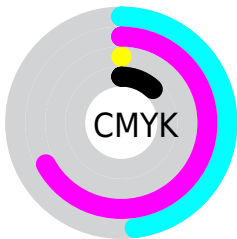
Distribution



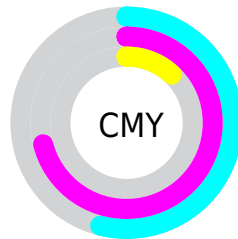
- Red (46%)
- Green (29%)
- Blue (88%)



- Red (46%)
- Yellow (29%)
- Blue (88%)



- Cyan (48%)
- Magenta (67%)
- Yellow (0%)
- Black (12%)



- Cyan (54%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.0710, 59.6180, 11.3387 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 104.0710, 59.6180, 11.3387 by changing the saturation by 10% instead.

■ 104.0710, 59.6180,
11.3387

■ 104.0710, 59.6180,
11.3387

255.0000, 0.0000,
0.0000

■ 77.1200, 58.6078,
8.6648

■ 155.0690, 49.2660,
18.3565

■ 48.5000, 58.9135,
3.9465

■ 179.8880, 37.0302,
22.9002

■ 16.0740, 61.5885,
-14.0969

■ 205.5930, 24.3577,
27.5439

■ 13.1100, 50.2318,
-11.4975

■ 227.4110, 13.6014,
24.1956

■ 10.1460, 38.8750,
-8.8980

■ 243.8470, 5.4984,
9.7812

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 104.0710, 59.6180,
11.3387

■ 104.0710, 59.6180,
11.3387

■ 86.3730, 68.3431,
12.8279

■ 122.3560, 50.6035,
9.3348

■ 68.0880, 77.3576,
14.8318

■ 140.0540, 41.8784,
7.8456

■ 50.3900, 86.0827,
16.3210

■ 158.3390, 32.8639,
5.8417

■ 44.7860, 88.8455,
16.8507

■ 176.0370, 24.1388,
4.3526

■ 194.3220, 15.1243,
2.3486

■ 212.3190, 6.2517,
1.4742

■ 230.6040, -2.7628,
-0.5297

■ 248.3020,
-11.4879, -2.0189

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



94.1130, 78.8243, -82.5371



104.0710, 59.6180, 11.3387



78.7950, 42.0061, 107.1738

Triad

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



104.0710, 59.6180, 11.3387



97.5130, -48.0739, 66.2021



91.8650, 14.3636, -80.5656

Complementary

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



104.0710, 59.6180, 11.3387



194.9290, -59.6180, -11.3387

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.



80.8700, -20.1489, -70.9230



104.0710, 59.6180, 11.3387



97.4820, -48.0586, 14.4863

Square

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



104.0710, 59.6180, 11.3387



65.7390, -23.5353, 129.1479



73.0980, -36.0373, -61.4759



100.0730, 45.8130, -87.7640

Rectangle

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



104.0710, 59.6180, 11.3387



79.9010, 17.7968, 125.4978



73.0980, -36.0373, -61.4759



88.9010, 3.0068, -77.9662

Sweetspot

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



104.0710, 59.6180, 11.3387



214.2990, 20.0656, 4.1228



154.6100, 34.7023, -70.6950



103.2250, 12.2141, 2.4337



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



104.0710, 59.6180, 11.3387



89.2390, 81.7202, 15.5764



126.4960, 48.5625, 57.4470



103.1510, 4.3626, 0.7446



35.0140, 69.5061, 13.1427



9.6580, 18.9026, 3.8079

Inverse Universe

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



131.4610, 24.9157, 82.0337



126.7650, 34.1329, 112.4621



172.5040, -48.5625, -57.4470



105.2010, 1.8729, 5.9627



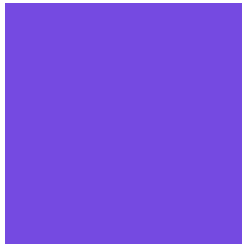
66.9880, 29.0929, 95.6035



18.3420, 8.2124, 26.0101

Previews

White Background



This preview shows how the YUV color 104.0710, 59.6180, 11.3387 looks on a white background.

Color Contrast Check

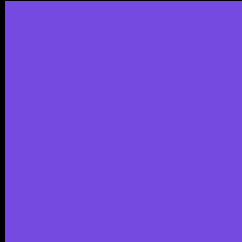
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.0710, 59.6180, 11.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

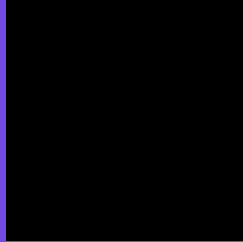
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.0710, 59.6180, 11.3387

Background



This preview shows how black text looks on a background with the YUV color 104.0710, 59.6180, 11.3387.



This preview shows how white text looks on a background with the YUV color 104.0710, 59.6180,

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

104.0710, 59.6180, 11.3387

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

83.8990, 49.8428, -73.5794



Tritanopia

102.7470, 7.0267, -13.8101

Trichromacy



Original Color

104.0710, 59.6180, 11.3387



Protanomaly

91.1260, 62.5489, -42.2065



Deuteranomaly

91.4220, 53.5290, -42.4661



Tritanomaly

103.4380, 25.9131, -4.7691

Monochromacy



Original Color

104.0710, 59.6180, 11.3387



Achromatopsia

104.0000, 0.0000, 0.0000



Achromatomaly

104.0540, 21.6654, 4.3376

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.0710, 59.6180, 11.3387 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(117, 74, 225)` looks like.

```
.text, #text, p{  
    color:rgb(117, 74, 225)  
}
```

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(117, 74, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 74, 225) }
```

Border

The CSS property to change the border of an element to YUV 104.0710, 59.6180, 11.3387 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(117, 74, 225) }
```


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

```
.border{ border-color:rgb(117, 74, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 74, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 74, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 74, 225);  
box-shadow:4px 4px 4px 4px rgb(117, 74,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 104.0710, 59.6180, 11.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 74, 225) }
```

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

```
.background{ background-color: rgb(117, 74,  
225) }
```

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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