

Converting Colors

YUV(107.0110, 20.2076, 5.2524)

Have a look what the booklet for
YUV(107.0110, 20.2076, 5.2524)
contains.

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Color

**YUV(107.0110, 20.2076,
5.2524)**

Conversions

Conversions Part 1

Format	Color
Hex	716094
RGB	113, 96, 148
RGB Percent	44%, 38%, 58%
CMY	0.5569, 0.6235, 0.4196
CMYK	0.24, 0.35, 0.00, 0.42
HSL	260°, 21%, 48%
HSV	260°, 35%, 58%
XYZ	16.3382, 14.0146, 29.8609
YIQ	107.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

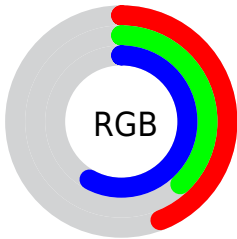
Format	Color
R _{YB}	113, 96, 148
Decimal	7430292
CIE Lab	44.25, 18.29, -26.05
CIE LCh	44, 31.836, 305.075
Yxy	14.0146, 0.2713, 0.2327
Android (android.graphics.Color)	4285620372 (0xFF716094)
YUV	107.0110, 20.2076, 5.2524
Hunter-Lab	37.4360, 12.3897, -21.0876

Details

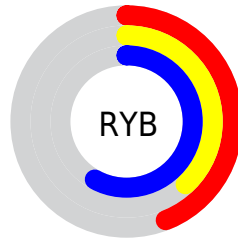
The YUV color **107.0110, 20.2076, 5.2524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.9890, -20.2076, -5.2524**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9510, 21.2232, 6.1820**, and **59.5440, 18.4658, 3.9079** is the 20% darker color. If you saturate the color by 10%, you get **95.2160, 26.0225, 6.8266**, and if you desaturate by 10%, it is **118.8060, 14.3926, 3.6781**.

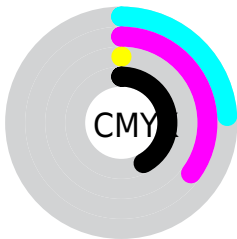
Distribution



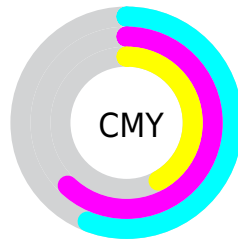
- Red (44%)
- Green (38%)
- Blue (58%)



- Red (44%)
- Yellow (38%)
- Blue (58%)



- Cyan (24%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0110, 20.2076, 5.2524 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 107.0110, 20.2076, 5.2524 by changing the saturation by 10% instead.

■ 107.0110, 20.2076,
5.2524

■ 107.0110, 20.2076,
5.2524

■ 255.0000, 0.0000,
0.0000

■ 82.4840, 19.4814,
4.8375

■ 158.9510, 21.2232,
6.1820

■ 59.5440, 18.4658,
3.9079

■ 185.4780, 21.9493,
6.5968

■ 36.7180, 17.8870,
2.8783

■ 213.1360, 20.6390,
6.8967

■ 14.3160, 17.5922,
4.1079

■ 238.2430, 8.2612,
10.3109

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 107.0110, 20.2076,
5.2524

■ 107.0110, 20.2076,
5.2524

■ 95.2160, 26.0225,
6.8266

■ 118.8060, 14.3926,
3.6781

■ 83.4210, 31.8374,
8.4008

■ 130.6010, 8.5777,
2.1039

■ 72.2130, 37.3630,
9.4602

■ 141.8090, 3.0522,
1.0445

■ 60.4180, 43.1779,
11.0344

■ 153.6040, -2.7628,
-0.5297

■ 48.6230, 48.9929,
12.6086

■ 165.3990, -8.5777,
-2.1039

■ 36.8280, 54.8078,
14.1828


■ 177.1940,
-14.3926, -3.6781

■ 31.2240, 57.5706,
14.7126

■ 188.9890,
-20.2076, -5.2524

■ 200.1970,

-25.7331, -6.3118

 211.9920,
-31.5481, -7.8860

Harmonies

Analogous

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



101.0500, 27.5834, -27.2308



107.0110, 20.2076, 5.2524



107.7060, 9.5119, 29.1988

Triad

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



107.0110, 20.2076, 5.2524



103.8240, -23.0842, 30.8494



81.5780, 13.0260, -71.5439

Complementary

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



107.0110, 20.2076, 5.2524



136.9890, -20.2076, -5.2524

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.



94.0590, -6.4381, -35.1317



107.0110, 20.2076, 5.2524



102.4320, -25.3560, 12.7761

Square

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



107.0110, 20.2076, 5.2524



105.4800, -14.5336, 41.6750



99.1950, -19.3231, -8.9410



83.9550, 24.6722, -73.6285

Rectangle

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



107.0110, 20.2076, 5.2524



106.7090, 1.6225, 39.7202



99.1950, -19.3231, -8.9410



86.2330, 6.2941, -58.9633

Sweetspot

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



107.0110, 20.2076, 5.2524



174.4870, 8.1409, 2.2039



123.0600, 12.2954, -23.7316



86.6780, 5.0887, 1.1594



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



107.0110, 20.2076, 5.2524



127.8940, 31.1113, 7.9860



114.4860, 16.5224, 20.6218



68.3960, 2.7628, 0.5297



29.1870, 53.6448, 13.8680



2.0370, 3.9258, 0.8446

Inverse Universe

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



115.5380, 7.6228, 28.4692



141.0760, 11.7945, 43.7833



129.5140, -16.5224, -20.6218



69.6630, 1.1521, 3.8035



51.8640, 20.2800, 75.5413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 107.0110, 20.2076, 5.2524 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 107.0110, 20.2076, 5.2524 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 107.0110, 20.2076, 5.2524

Background



This preview shows how black text looks on a background with the YUV color 107.0110, 20.2076, 5.2524.



This preview shows how white text looks on a background with the YUV color 107.0110, 20.2076, 5.2524.

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

107.0110, 20.2076, 5.2524

Protanopia

104.3290, 24.4878, -14.3205

Deuteranopia

104.6020, 20.4092, -12.8060



Tritanopia

104.9230, 3.4890, 0.9445

Trichromacy



Original Color

107.0110, 20.2076, 5.2524

Protanomaly

105.0310, 23.1557, -7.0432

Deuteranomaly

105.3470, 20.5349, -6.4433

Tritanomaly

105.5410, 9.5933, 3.0335

Monochromacy



Original Color

107.0110, 20.2076, 5.2524

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9600, 7.4147, 1.7891

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0110, 20.2076, 5.2524 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(113, 96, 148)` looks like.

```
.text, #text, p{  
    color:rgb(113, 96, 148)  
}
```

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(113, 96, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 96, 148) }
```

Border

The CSS property to change the border of an element to YUV 107.0110, 20.2076, 5.2524 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(113, 96, 148) }
```


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

```
.border{ border-color:rgb(113, 96, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 96, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 96, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 96, 148);  
box-shadow:4px 4px 4px 4px rgb(113, 96,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 107.0110, 20.2076, 5.2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 96, 148) }
```

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

```
.background{ background-color: rgb(113, 96,  
148) }
```

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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