

Converting Colors

YUV(106.1020, 25.5857, 6.9265)

Have a look what the booklet for
YUV(106.1020, 25.5857, 6.9265)
contains.

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Color

**YUV(106.1020, 25.5857,
6.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	725C9E
RGB	114, 92, 158
RGB Percent	45%, 36%, 62%
CMY	0.5529, 0.6392, 0.3804
CMYK	0.28, 0.42, 0.00, 0.38
HSL	260°, 26%, 49%
HSV	260°, 42%, 62%
XYZ	16.9381, 13.7003, 34.0994
YIQ	106.1020, -8.0740, 25.1900

Conversions

Conversions Part 2

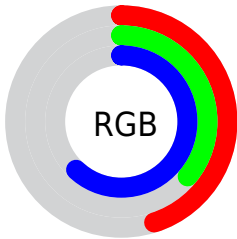
Format	Color
R_{YB}	114, 92, 158
Decimal	7494814
CIE _{Lab}	43.80, 23.61, -32.71
CIE _{LCh}	44, 40.346, 305.820
Yxy	13.7003, 0.2616, 0.2116
Android (android.graphics.Color)	4285684894 (0xFF725C9E)
YUV	106.1020, 25.5857, 6.9265
Hunter-Lab	37.0139, 16.9098, -28.7117

Details

The YUV color **106.1020, 25.5857, 6.9265** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.8980, -25.5857, -6.9265**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1560, 27.0381, 7.7562**, and **57.9230, 23.7020, 4.4525** is the 20% darker color. If you saturate the color by 10%, you get **93.4210, 31.8374, 8.4008**, and if you desaturate by 10%, it is **118.7830, 19.3340, 5.4523**.

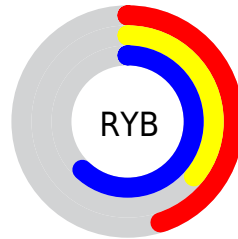
Distribution



Red (45%)

Green (36%)

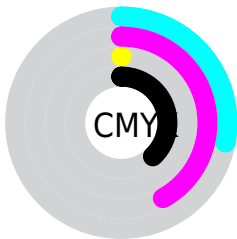
Blue (62%)



Red (45%)

Yellow (36%)

Blue (62%)

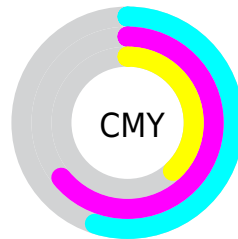


Cyan (28%)

Magenta (42%)

Yellow (0%)

Black (38%)



Cyan (55%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.1020, 25.5857, 6.9265 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 106.1020, 25.5857, 6.9265 by changing the saturation by 10% instead.

■ 106.1020, 25.5857,
6.9265

■ 106.1020, 25.5857,
6.9265

■ 255.0000, 0.0000,
0.0000

■ 81.2760, 25.0069,
5.8969

■ 158.1560, 27.0381,
7.7562

■ 57.9230, 23.7020,
4.4525

■ 184.9820, 27.6169,
8.7858

■ 35.0970, 23.1232,
3.4229

■ 210.7990, 21.7911,
10.7003

■ 11.3960, 22.9758,
4.0377

■ 235.9060, 9.4133,
14.1144

■ 5.2780, 15.1459,
-4.6288

■ 253.8260, 0.5788,
1.0296

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 106.1020, 25.5857,
6.9265

■ 106.1020, 25.5857,
6.9265

■ 93.4210, 31.8374,
8.4008

■ 118.7830, 19.3340,
5.4523

■ 81.0390, 37.9418,
10.4898

■ 131.1650, 13.2297,
3.3633

■ 68.9450, 43.9041,
11.4492

■ 143.2590, 7.2673,
2.4039

■ 56.5630, 50.0084,
13.5382

■ 155.6410, 1.1630,
0.3148

■ 43.8820, 56.2602,
15.0125

■ 168.3220, -5.0887,
-1.1594

■ 33.8590, 61.2015,
16.7867

■ 180.7040,
-11.1931, -3.2484

■ 193.3850,
-17.4448, -4.7226

■ 205.1800,
-23.2597, -6.2969

■ 217.8610,
-29.5115, -7.7711

Harmonies

Analogous

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



95.9650, 36.4993, -40.3113



106.1020, 25.5857, 6.9265



106.2710, 12.6844, 38.3503

Triad

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



106.1020, 25.5857, 6.9265



101.8480, -29.5051, 36.9673



82.8660, 12.8841, -72.6735

Complementary

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



106.1020, 25.5857, 6.9265



143.8980, -25.5857, -6.9265

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.



85.8890, -5.3683, -51.6457



106.1020, 25.5857, 6.9265



99.4940, -32.7815, 14.4758

Square

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



106.1020, 25.5857, 6.9265



102.9220, -18.2025, 51.8114



95.7940, -24.5484, -12.9743



86.0410, 27.5878, -75.4580

Rectangle

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



106.1020, 25.5857, 6.9265



104.4160, 2.7529, 50.5012



95.7940, -24.5484, -12.9743



81.6120, 8.0793, -71.5737

Sweetspot

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



106.1020, 25.5857, 6.9265



185.7690, 10.4669, 2.8336



125.3520, 16.0955, -29.2497



91.4330, 6.6885, 1.3743



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



106.1020, 25.5857, 6.9265



125.3210, 40.2677, 11.1195



115.9690, 20.7213, 27.2142



72.8090, 3.0522, 1.0445



30.6540, 55.3866, 15.2124



3.2050, 5.8149, 1.5742

Inverse Universe

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



116.7500, 9.4902, 36.1763



141.9620, 14.8087, 57.0383



134.0310, -20.7213, -27.2142



73.9620, 1.0047, 4.4183



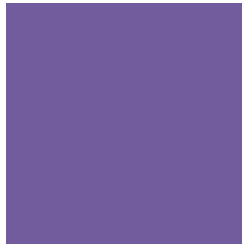
53.5870, 20.4166, 78.4152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 106.1020, 25.5857, 6.9265 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 106.1020, 25.5857, 6.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

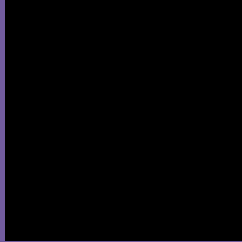
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.1020, 25.5857, 6.9265

Background



This preview shows how black text looks on a background with the YUV color 106.1020, 25.5857, 6.9265.

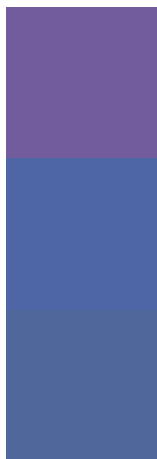


This preview shows how white text looks on a background with the YUV color 106.1020, 25.5857,

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

106.1020, 25.5857, 6.9265

Protanopia

102.4190, 31.3454, -20.5385

Deuteranopia

102.1650, 26.5407, -19.4387



Tritanopia

103.8090, 3.0522, 1.0445

Trichromacy



Original Color

106.1020, 25.5857, 6.9265

Protanomaly

103.6160, 29.2763, -10.1872

Deuteranomaly

103.5190, 26.3661, -10.1022

Tritanomaly

104.2960, 11.1931, 3.2484

Monochromacy



Original Color

106.1020, 25.5857, 6.9265

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.1020, 25.5857, 6.9265 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(114, 92, 158)` looks like.

```
.text, #text, p{  
    color:rgb(114, 92, 158)  
}
```

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(114, 92, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 92, 158) }
```

Border

The CSS property to change the border of an element to YUV 106.1020, 25.5857, 6.9265 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(114, 92, 158) }
```


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

```
.border{ border-color:rgb(114, 92, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 92, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 92, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 92, 158);  
box-shadow:4px 4px 4px 4px rgb(114, 92,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 106.1020, 25.5857, 6.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 92, 158) }
```

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

```
.background{ background-color: rgb(114, 92,  
158) }
```

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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