

Converting Colors

YUV(114.0700, 20.6715,
-3.5694)

Have a look what the booklet for
YUV(114.0700, 20.6715, -3.5694)
contains.

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Color

**YUV(114.0700, 20.6715,
-3.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6C9C
RGB	110, 108, 156
RGB Percent	43%, 42%, 61%
CMY	0.5686, 0.5765, 0.3882
CMYK	0.29, 0.31, 0.00, 0.39
HSL	243°, 20%, 52%
HSV	243°, 31%, 61%
XYZ	17.7937, 16.4404, 33.6880
YIQ	114.0700, -14.2160, 15.3520

Conversions

Conversions Part 2

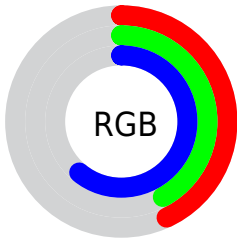
Format	Color
R _Y B	110, 108, 156
Decimal	7236764
CIE Lab	47.55, 12.12, -25.71
CIE LCh	48, 28.420, 295.245
Yxy	16.4404, 0.2620, 0.2420
Android (android.graphics.Color)	4285426844 (0xFF6E6C9C)
YUV	114.0700, 20.6715, -3.5694
Hunter-Lab	40.5468, 7.3768, -20.8779

Details

The YUV color **114.0700, 20.6715, -3.5694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.9300, -20.6715, 3.5694**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1240, 22.1239, -2.7397**, and **65.7170, 19.3665, -5.0138** is the 20% darker color. If you saturate the color by 10%, you get **100.1930, 27.5129, -4.5543**, and if you desaturate by 10%, it is **127.9470, 13.8301, -2.5845**.

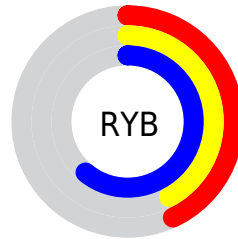
Distribution



Red (43%)

Green (42%)

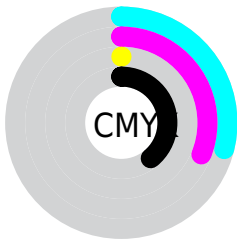
Blue (61%)



Red (43%)

Yellow (42%)

Blue (61%)

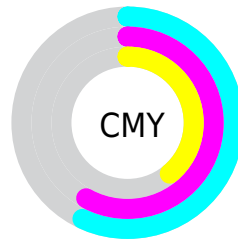


Cyan (29%)

Magenta (31%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (58%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0700, 20.6715, -3.5694 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 114.0700, 20.6715, -3.5694 by changing the saturation by 10% instead.

■ 114.0700, 20.6715,
-3.5694

■ 114.0700, 20.6715,
-3.5694

255.0000, 0.0000,
0.0000

■ 89.5430, 19.9453,
-3.9842

■ 166.1240, 22.1239,
-2.7397

■ 65.7170, 19.3665,
-5.0138

■ 193.2380, 22.5607,
-2.8397

■ 43.0760, 18.2035,
-5.3287

■ 219.8700, 17.3191,
-1.6400

■ 21.2390, 17.6302,
-8.1026

■ 244.9770, 4.9413,
1.7742

■ 4.5770, 14.9985,
-4.0140

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 114.0700, 20.6715,
-3.5694

■ 114.0700, 20.6715,
-3.5694

■ 100.1930, 27.5129,
-4.5543

■ 127.9470, 13.8301,
-2.5845

■ 86.9030, 34.0648,
-6.0539

■ 141.2370, 7.2782,
-1.0848

■ 73.0260, 40.9062,
-7.0388

■ 155.1140, 0.4368,
-0.1000

■ 59.7360, 47.4582,
-8.5385

■ 168.4040, -6.1152,
1.3997

■ 45.8590, 54.2995,
-9.5233

■ 182.2810,
-12.9565, 2.3846

■ 31.9820, 61.1409,
-10.5082

■ 196.1580,
-19.7979, 3.3694

■ 19.8770, 67.1086,
-11.2931

■ 209.4480,
-26.3499, 4.8691

■ 223.3250,
-33.1912, 5.8540

■ 236.6150,
-39.7432, 7.3536

Harmonies

Analogous

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



107.5610, 25.8524, -32.0640



114.0700, 20.6715, -3.5694



116.2210, 11.7230, 19.9772

Triad

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



114.0700, 20.6715, -3.5694



113.1600, -19.3059, 32.3087



99.7400, 4.0722, -46.2530

Complementary

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



114.0700, 20.6715, -3.5694



149.9300, -20.6715, 3.5694

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.



105.8110, -10.2598, -22.6362



114.0700, 20.6715, -3.5694



111.4480, -22.8989, 18.0241

Square

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



114.0700, 20.6715, -3.5694



114.0220, -9.8708, 39.4457



109.4240, -19.9290, -1.2488



90.2170, 20.5990, -73.8583

Rectangle

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



114.0700, 20.6715, -3.5694



115.5770, 5.1385, 31.9430



109.4240, -19.9290, -1.2488



102.4160, -1.1911, -38.0758

Sweetspot

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



114.0700, 20.6715, -3.5694



188.0520, 7.8624, -1.7996



140.4740, 7.6543, -28.4797



92.2540, 4.8048, -1.0998



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



114.0700, 20.6715, -3.5694



138.4470, 32.3176, -5.6540



121.2460, 17.1337, 11.1853



71.9120, 3.4944, -0.7998



18.0960, 61.5777, -10.6082



2.0090, 6.4046, -0.8849

Inverse Universe

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



127.5960, 13.0172, 24.9103



159.6330, 20.3939, 38.9099



142.7540, -17.1337, -11.1853



74.3040, 2.3151, 4.1184



58.3750, 38.7621, 74.2161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 114.0700, 20.6715, -3.5694 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 114.0700, 20.6715, -3.5694 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 114.0700, 20.6715, -3.5694

Background



This preview shows how black text looks on a background with the YUV color 114.0700, 20.6715, -3.5694.



This preview shows how white text looks on a background with the YUV color 114.0700, 20.6715,

-3.5694.

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

114.0700, 20.6715, -3.5694

Protanopia

112.4710, 22.4458, -12.6911

Deuteranopia

112.4280, 20.9880, -11.7764



Tritanopia

111.7370, 5.5527, -7.6623

Trichromacy



Original Color

114.0700, 20.6715, -3.5694

Protanomaly

112.9660, 21.7088, -9.6172

Deuteranomaly

113.0370, 20.6878, -8.8024

Tritanomaly

112.8280, 10.9308, -5.9882

Monochromacy



Original Color

114.0700, 20.6715, -3.5694

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0700, 20.6715, -3.5694 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(110, 108, 156)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 156)  
}
```

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(110, 108, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 156) }
```

Border

The CSS property to change the border of an element to YUV 114.0700, 20.6715, -3.5694 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(110, 108, 156) }
```


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

```
.border{ border-color:rgb(110, 108, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 156);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 114.0700, 20.6715, -3.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 156) }
```

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

```
.background{ background-color: rgb(110,  
108, 156) }
```

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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