

Converting Colors

YUV(111.0960, 24.6027,
-4.4692)

Have a look what the booklet for
YUV(111.0960, 24.6027, -4.4692)
contains.

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Color

**YUV(111.0960, 24.6027,
-4.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	6A68A1
RGB	106, 104, 161
RGB Percent	42%, 41%, 63%
CMY	0.5843, 0.5922, 0.3686
CMYK	0.34, 0.35, 0.00, 0.37
HSL	242°, 23%, 52%
HSV	242°, 35%, 63%
XYZ	17.3272, 15.5380, 35.8041
YIQ	111.0960, -17.1050, 18.1510

Conversions

Conversions Part 2

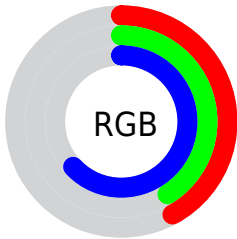
Format	Color
R_{YB}	106, 104, 161
Decimal	6973601
CIE _{Lab}	46.36, 14.71, -30.52
CIE _{LCh}	46, 33.881, 295.723
Yxy	15.5380, 0.2523, 0.2263
Android (android.graphics.Color)	4285163681 (0xFF6A68A1)
YUV	111.0960, 24.6027, -4.4692
Hunter-Lab	39.4183, 9.4817, -26.2610

Details

The YUV color $[111.0960, 24.6027, -4.4692]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $153.9040, -24.6027, 4.4692$, and the grayscale version is $[111.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $163.1500, 26.0550, -3.6396$, and $62.6290, 22.8609, -5.8136$ is the 20% darker color. If you saturate the color by 10%, you get $96.9200, 31.5914, -6.0688$, and if you desaturate by 10%, it is $125.2720, 17.6139, -2.8695$.

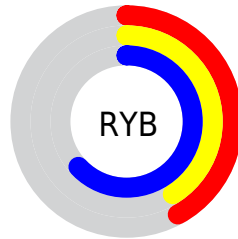
Distribution



Red (42%)

Green (41%)

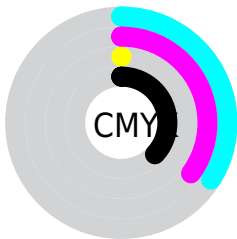
Blue (63%)



Red (42%)

Yellow (41%)

Blue (63%)

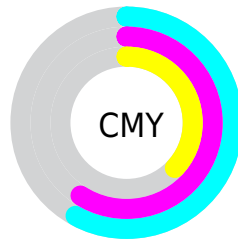


Cyan (34%)

Magenta (35%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (59%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0960, 24.6027, -4.4692 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 111.0960, 24.6027, -4.4692 by changing the saturation by 10% instead.

■ 111.0960, 24.6027,
-4.4692

■ 111.0960, 24.6027,
-4.4692

■ 255.0000, 0.0000,
0.0000

■ 86.5690, 23.8765,
-4.8840

■ 163.1500, 26.0550,
-3.6396

■ 62.6290, 22.8609,
-5.8136

■ 190.3780, 26.9286,
-3.8395

■ 39.6780, 21.8507,
-8.4876

■ 216.0380, 19.2083,
-0.9103

■ 16.3570, 22.0090,
-12.5911

■ 241.4330, 6.6885,
1.3743

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 111.0960, 24.6027,
-4.4692

■ 111.0960, 24.6027,
-4.4692

■ 96.9200, 31.5914,
-6.0688

■ 125.2720, 17.6139,
-2.8695

■ 83.0430, 38.4328,
-7.0537

■ 139.1490, 10.7725,
-1.8847

■ 68.8670, 45.4216,
-8.6534

■ 153.3250, 3.7838,
-0.2850

■ 54.9900, 52.2629,
-9.6382

■ 167.2020, -3.0576,
0.6998

■ 40.2270, 59.5411,
-10.7231

■ 181.3780,
-10.0464, 2.2995

■ 26.3500, 66.3825,
-11.7080

■ 195.8420,
-17.1771, 2.7696

■ 20.1480, 69.4400,
-12.4078

■ 210.0180,
-24.1659, 4.3692

■ 223.8950,
-31.0072, 5.3541

■ 238.0710,
-37.9960, 6.9537

Harmonies

Analogous

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



101.3900, 31.8527, -43.3150



111.0960, 24.6027, -4.4692



112.9380, 14.3276, 24.6104

Triad

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



111.0960, 24.6027, -4.4692



109.6830, -22.5217, 37.1120



87.1500, 8.8001, -69.4145

Complementary

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



111.0960, 24.6027, -4.4692



153.9040, -24.6027, 4.4692

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.



100.1370, -11.4065, -28.1841



111.0960, 24.6027, -4.4692



107.9060, -27.5617, 20.2534

Square

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



111.0960, 24.6027, -4.4692



110.3110, -11.4923, 46.2083



105.3870, -23.8548, -2.0934



88.0640, 22.6464, -77.2321

Rectangle

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



111.0960, 24.6027, -4.4692



112.5500, 6.1379, 38.1057



105.3870, -23.8548, -2.0934



94.6810, 0.1573, -50.5862

Sweetspot

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



111.0960, 24.6027, -4.4692



188.9210, 9.8989, -1.6847



142.7830, 8.9810, -34.0127



92.5960, 6.1152, -1.3997



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.



111.0960, 24.6027, -4.4692



131.9290, 37.9960, -6.9537



119.4680, 20.4753, 12.7446



74.3250, 3.7838, -0.2850



18.0250, 62.5987, -11.4229



2.3510, 7.7150, -1.1848

Inverse Universe

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



127.3130, 15.6217, 29.5435



157.0020, 24.1560, 45.6022



145.5320, -20.4753, -12.7446



76.6030, 2.1677, 4.7332



59.3150, 39.7777, 75.1457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 111.0960, 24.6027, -4.4692 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 111.0960, 24.6027, -4.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

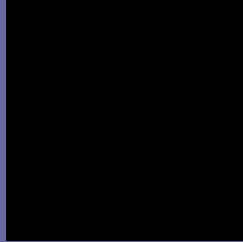
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.0960, 24.6027, -4.4692

Background



This preview shows how black text looks on a background with the YUV color 111.0960, 24.6027, -4.4692.



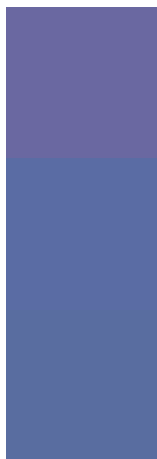
This preview shows how white text looks on a background with the YUV color 111.0960, 24.6027, -4.4692.

-4.4692.

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

111.0960, 24.6027, -4.4692

Protanopia

109.0020, 27.1140, -16.6648

Deuteranopia

108.8340, 25.2248, -17.3944



Tritanopia

108.5410, 6.1423, -10.1215

Trichromacy



Original Color

111.0960, 24.6027, -4.4692

Protanomaly

110.0950, 26.0822, -12.3613

Deuteranomaly

109.4540, 24.9192, -12.6762

Tritanomaly

109.3870, 13.1202, -8.2324

Monochromacy



Original Color

111.0960, 24.6027, -4.4692

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.6930, 9.0254, -1.4848

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0960, 24.6027, -4.4692 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(106, 104, 161)` looks like.

```
.text, #text, p{  
    color:rgb(106, 104, 161)  
}
```

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(106, 104, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 104, 161) }
```

Border

The CSS property to change the border of an element to YUV 111.0960, 24.6027, -4.4692 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(106, 104, 161) }
```


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

```
.border{ border-color:rgb(106, 104, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 104, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 104, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 104, 161);  
box-shadow:4px 4px 4px 4px rgb(106, 104,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 111.0960, 24.6027, -4.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 104, 161) }
```

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

```
.background{ background-color: rgb(106,  
104, 161) }
```

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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