

Converting Colors

YUV(104.1770, 25.0557,
-9.8022)

Have a look what the booklet for
YUV(104.1770, 25.0557, -9.8022)
contains.

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Color

**YUV(104.1770, 25.0557,
-9.8022)**

Conversions

Conversions Part 1

Format	Color
Hex	5D649B
RGB	93, 100, 155
RGB Percent	36%, 39%, 61%
CMY	0.6353, 0.6078, 0.3922
CMYK	0.40, 0.35, 0.00, 0.39
HSL	233°, 25%, 49%
HSV	233°, 40%, 61%
XYZ	14.9878, 13.8081, 32.8856
YIQ	104.1770, -21.8270, 15.6210

Conversions

Conversions Part 2

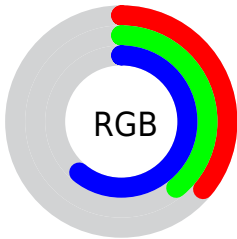
Format	Color
R_{YB}	93, 99, 155
Decimal	6120603
CIE _{Lab}	43.96, 11.70, -30.81
CIE _{LCh}	44, 32.959, 290.784
Yxy	13.8081, 0.2430, 0.2239
Android (android.graphics.Color)	4284310683 (0xFF5D649B)
YUV	104.1770, 25.0557, -9.8022
Hunter-Lab	37.1592, 6.9675, -26.4598

Details

The YUV color $104.1770, 25.0557, -9.8022$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $143.8230, -25.0557, 9.8022$, and the grayscale version is $104.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $156.2310, 26.5081, -8.9726$, and $55.9980, 23.1720, -12.2762$ is the 20% darker color. If you saturate the color by 10%, you get $91.4740, 31.3183, -11.8167$, and if you desaturate by 10%, it is $116.8800, 18.7932, -7.7878$.

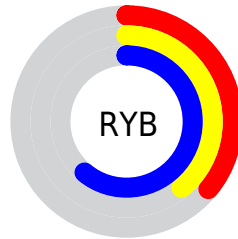
Distribution



Red (36%)

Green (39%)

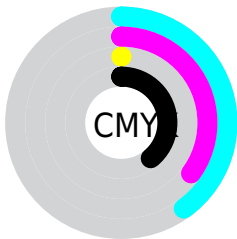
Blue (61%)



Red (36%)

Yellow (39%)

Blue (61%)

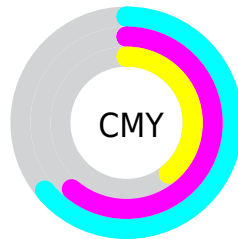


Cyan (40%)

Magenta (35%)

Yellow (0%)

Black (39%)



Cyan (64%)

Magenta (61%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.1770, 25.0557, -9.8022 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 104.1770, 25.0557, -9.8022 by changing the saturation by 10% instead.

■ 104.1770, 25.0557,
-9.8022

■ 104.1770, 25.0557,
-9.8022

■ 255.0000, 0.0000,
0.0000

■ 79.6500, 24.3296,
-10.2170

■ 156.2310, 26.5081,
-8.9726

■ 55.9980, 23.1720,
-12.2762

■ 182.7580, 27.2343,
-8.5578

■ 32.5630, 22.8934,
-16.2798

■ 209.5040, 22.4295,
-7.4580

■ 12.2540, 21.5668,
-10.7468

■ 234.3120, 10.1992,
-4.6586

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,

0.0000

■ 104.1770, 25.0557,
-9.8022

■ 104.1770, 25.0557,
-9.8022

■ 91.4740, 31.3183,
-11.8167

■ 116.8800, 18.7932,
-7.7878

■ 79.0590, 37.4389,
-14.9607

■ 129.8820, 12.3832,
-5.1585

■ 66.3560, 43.7015,
-16.9752

■ 141.9980, 6.4100,
-2.6292

■ 53.3540, 50.1115,
-19.6045

■ 155.0000, 0.0000,
0.0000

■ 40.3520, 56.5215,
-22.2337

■ 168.0020, -6.4100,
2.6292

■ 28.2360, 62.4947,
-24.7630

■ 180.1180,
-12.3832, 5.1585

■ 193.1200,
-18.7932, 7.7878

■ 205.8230,
-25.0557, 9.8022

■ 218.5260,
-31.3183, 11.8167

Harmonies

Analogous

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



92.4600, 32.3112, -50.3924



104.1770, 25.0557, -9.8022



107.5460, 15.5068, 19.6922

Triad

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



104.1770, 25.0557, -9.8022



103.8510, -20.6325, 37.8417



85.6740, 4.1047, -56.7191

Complementary

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



104.1770, 25.0557, -9.8022



143.8230, -25.0557, 9.8022

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.



95.6000, -13.6068, -22.4512



104.1770, 25.0557, -9.8022



101.9710, -26.1147, 22.8274

Square

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



104.1770, 25.0557, -9.8022



104.5820, -9.1609, 45.0936



99.7080, -24.0130, 2.0101



83.1740, 19.1412, -72.9436

Rectangle

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



104.1770, 25.0557, -9.8022



106.6850, 8.0433, 33.6023



99.7080, -24.0130, 2.0101



90.9270, -2.9220, -42.9090

Sweetspot

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



104.1770, 25.0557, -9.8022



181.4970, 9.6150, -3.9439



135.6640, 6.0816, -37.4163



90.1830, 5.8258, -1.9145



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.



104.1770, 25.0557, -9.8022



122.4010, 38.7493, -15.2607



107.2440, 23.5437, 8.5560



70.4990, 3.2050, -1.3146



25.3520, 56.5215, -22.2337



2.0690, 5.3890, -1.8145

Inverse Universe

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



112.3360, -6.0816, 37.4163



134.9580, -9.3463, 57.9188



140.7560, -23.5437, -8.5560



71.5060, -0.7425, 4.8182



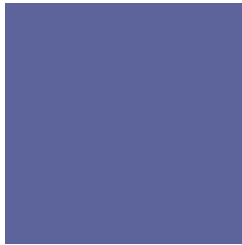
43.6840, -13.6482, 84.4691



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 104.1770, 25.0557, -9.8022 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 104.1770, 25.0557, -9.8022 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 104.1770, 25.0557, -9.8022

Background



This preview shows how black text looks on a background with the YUV color 104.1770, 25.0557, -9.8022.



This preview shows how white text looks on a background with the YUV color 104.1770, 25.0557, -9.8022.

-9.8022.

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

104.1770, 25.0557, -9.8022

Protanopia

103.1870, 26.5298, -15.9500

Deuteranopia

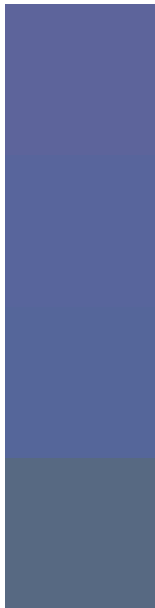
102.2360, 25.5197, -18.6240



Tritanopia

101.4370, 7.1796, -16.1692

Trichromacy



Original Color

104.1770, 25.0557, -9.8022

Protanomaly

103.3830, 25.9402, -13.4909

Deuteranomaly

102.8450, 25.2194, -15.6501

Tritanomaly

102.4680, 13.5733, -13.5654

Monochromacy



Original Color

104.1770, 25.0557, -9.8022

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.3830, 9.1782, -3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.1770, 25.0557, -9.8022 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(93, 100, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 100, 155)  
}
```

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(93, 100, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 100, 155) }
```

Border

The CSS property to change the border of an element to YUV 104.1770, 25.0557, -9.8022 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(93, 100, 155) }
```


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

```
.border{ border-color:rgb(93, 100, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 100, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 100, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 100, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 100,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 104.1770, 25.0557, -9.8022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 100, 155) }
```

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

```
.background{ background-color: rgb(93, 100,  
155) }
```

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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