

Converting Colors

YUV(104.3110, 24.9897,
-35.3527)

Have a look what the booklet for
YUV(104.3110, 24.9897, -35.3527)
contains.

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Color

**YUV(104.3110, 24.9897,
-35.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	40739B
RGB	64, 115, 155
RGB Percent	25%, 45%, 61%
CMY	0.7490, 0.5490, 0.3922
CMYK	0.59, 0.26, 0.00, 0.39
HSL	206°, 42%, 43%
HSV	206°, 59%, 61%
XYZ	14.1615, 15.7180, 33.2978
YIQ	104.3110, -43.2360, 1.6280

Conversions

Conversions Part 2

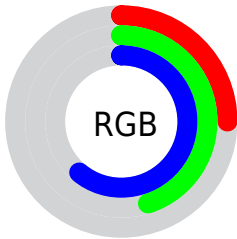
Format	Color
R _Y B	64, 97, 155
Decimal	4223899
CIE Lab	46.60, -4.77, -26.81
CIE LCh	47, 27.231, 259.916
Yxy	15.7180, 0.2242, 0.2488
Android (android.graphics.Color)	4282413979 (0xFF40739B)
YUV	104.3110, 24.9897, -35.3527
Hunter-Lab	39.6460, -5.6205, -22.0443

Details

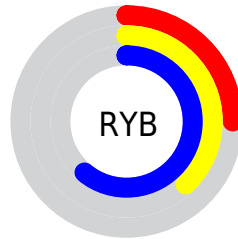
The YUV color **104.3110, 24.9897, -35.3527** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.6890, -24.9897, 35.3527**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.5500, 25.8579, -33.8083**, and **51.1850, 26.0378, -44.8892** is the 20% darker color. If you saturate the color by 10%, you get **95.7170, 29.2265, -40.9708**, and if you desaturate by 10%, it is **113.2040, 20.6054, -29.1199**.

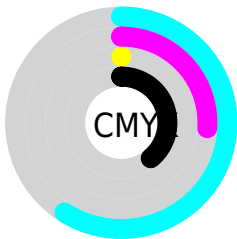
Distribution



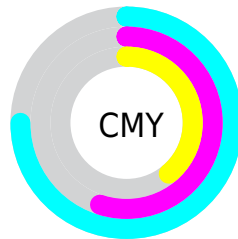
- Red (25%)
- Green (45%)
- Blue (61%)



- Red (25%)
- Yellow (38%)
- Blue (61%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (39%)



- Cyan (75%)
- Magenta (55%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3110, 24.9897, -35.3527 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 104.3110, 24.9897, -35.3527 by changing the saturation by 10% instead.

■ 104.3110, 24.9897,
-35.3527

■ 104.3110, 24.9897,
-35.3527

■ 255.0000, 0.0000,
0.0000

■ 78.2890, 25.0005,
-38.8415

■ 157.5500, 25.8579,
-33.8083

■ 51.1850, 26.0378,
-44.8892

■ 184.6640, 26.2946,
-33.9083

■ 35.4210, 21.4844,
-31.0642

■ 211.4100, 21.4899,
-32.8086

■ 21.0590, 17.2259,
-18.4687

■ 236.5170, 9.1121,
-29.3944

■ 5.1640, 14.7091,
-4.5288

■ 248.1230, 3.3904,
-14.1399

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 104.3110, 24.9897,
-35.3527

■ 104.3110, 24.9897,
-35.3527

■ 95.7170, 29.2265,
-40.9708

■ 113.2040, 20.6054,
-29.1199

■ 86.8240, 33.6108,
-47.2036

■ 121.7980, 16.3686,
-23.5018

■ 78.8170, 37.5582,
-53.3365

■ 129.8050, 12.4211,
-17.3690

■ 69.9240, 41.9425,
-59.5693

■ 138.6980, 8.0369,
-11.1361

■ 68.7390, 42.5267,
-60.2841

■ 147.5910, 3.6526,
-4.9033

■ 156.1850, -0.5842,
0.7148

■ 165.0780, -4.9685,
6.9476

■ 173.6720, -9.2053,
12.5657

■ 181.6790,
-13.1527, 18.6985

Harmonies

Analogous

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



94.1460, 25.0710, -61.5180



104.3110, 24.9897, -35.3527



110.7490, 20.8297, -7.6729

Triad

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



104.3110, 24.9897, -35.3527



111.8800, -7.8288, 37.8162



104.0890, -11.8759, -17.6181

Complementary

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



104.3110, 24.9897, -35.3527



114.6890, -24.9897, 35.3527

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.



107.4460, -19.9399, 2.2399



104.3110, 24.9897, -35.3527



111.0290, -17.2693, 32.4236

Square

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



104.3110, 24.9897, -35.3527



113.0070, 2.9545, 32.4429



109.1000, -21.7413, 20.0833



99.6870, 1.1403, -39.1905

Rectangle

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



104.3110, 24.9897, -35.3527



113.2950, 16.1236, 8.5113



109.1000, -21.7413, 20.0833



105.6230, -15.0971, -11.0704

Sweetspot

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



104.3110, 24.9897, -35.3527



181.4310, 9.6475, -14.4100



121.8630, -9.2995, -50.7459



89.5520, 6.1369, -8.3771



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.



104.3110, 24.9897, -35.3527



122.4470, 38.7266, -54.7660



77.8960, 38.0123, -12.1868



72.2600, 2.3368, -2.8590



62.3330, 38.2898, -54.6660



5.5910, 3.6526, -4.9033

Inverse Universe

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



97.0230, 8.8627, 50.8458



111.1650, 13.7227, 78.7853



141.1040, -38.0123, 12.1868



71.8480, 0.5679, 4.5183



50.8660, 13.8701, 78.1705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 104.3110, 24.9897, -35.3527 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 104.3110, 24.9897, -35.3527 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

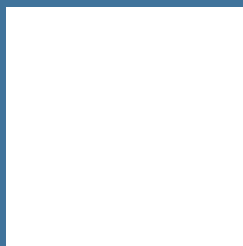
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.3110, 24.9897, -35.3527

Background



This preview shows how black text looks on a background with the YUV color 104.3110, 24.9897, -35.3527.

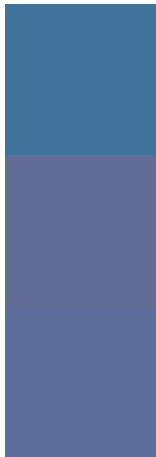


This preview shows how white text looks on a background with the YUV color 104.3110, 24.9897, -35.3527.

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

104.3110, 24.9897, -35.3527

Protanopia

110.3850, 19.5302, -10.8616

Deuteranopia

109.5740, 22.8880, -14.5354



Tritanopia

100.9930, 13.8075, -42.0899

Trichromacy



Original Color

104.3110, 24.9897, -35.3527

Protanomaly

108.1990, 21.5939, -19.4685

Deuteranomaly

107.4590, 23.9307, -22.3275

Tritanomaly

102.0410, 17.7278, -39.5010

Monochromacy



Original Color

104.3110, 24.9897, -35.3527

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.0290, 9.3527, -13.1804

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3110, 24.9897, -35.3527 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(64, 115, 155)` looks like.

```
.text, #text, p{  
    color:rgb(64, 115, 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(64, 115, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 115, 155) }
```

Border

The CSS property to change the border of an element to YUV 104.3110, 24.9897, -35.3527 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(64, 115, 155) }
```


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

```
.border{ border-color:rgb(64, 115, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 115, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 115, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 115, 155);  
box-shadow:4px 4px 4px 4px rgb(64, 115,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 104.3110, 24.9897, -35.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 115, 155) }
```

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

```
.background{ background-color: rgb(64, 115,  
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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