

Converting Colors

YUV(149.4370, 23.9416,
-25.8162)

Have a look what the booklet for
YUV(149.4370, 23.9416, -25.8162)
contains.

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Color

**YUV(149.4370, 23.9416,
-25.8162)**

Conversions

Conversions Part 1

Format	Color
Hex	789BC6
RGB	120, 155, 198
RGB Percent	47%, 61%, 78%
CMY	0.5294, 0.3922, 0.2235
CMYK	0.39, 0.22, 0.00, 0.22
HSL	213°, 41%, 62%
HSV	213°, 39%, 78%
XYZ	29.6601, 31.5130, 57.9454
YIQ	149.4370, -34.6630, 5.9530

Conversions

Conversions Part 2

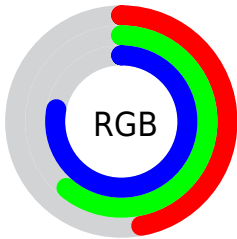
Format	Color
R _Y B	120, 144, 198
Decimal	7904198
CIE Lab	62.94, -1.11, -25.97
CIE LCh	63, 25.998, 267.554
Yxy	31.5130, 0.2490, 0.2646
Android (android.graphics.Color)	4286094278 (0xFF789BC6)
YUV	149.4370, 23.9416, -25.8162
Hunter-Lab	56.1364, -3.9269, -21.9051

Details

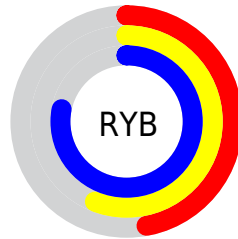
The YUV color **149.4370, 23.9416, -25.8162** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **168.5630, -23.9416, 25.8162**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0780, 25.1045, -25.5014**, and **97.4970, 22.9260, -26.7459** is the 20% darker color. If you saturate the color by 10%, you get **137.0000, 30.0730, -32.4490**, and if you desaturate by 10%, it is **161.8740, 17.8101, -19.1835**.

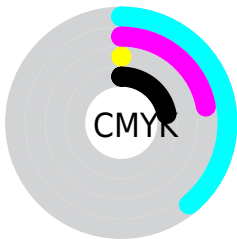
Distribution



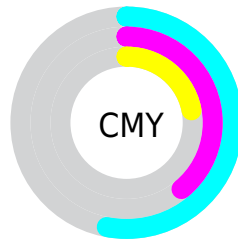
- Red (47%)
- Green (61%)
- Blue (78%)



- Red (47%)
- Yellow (56%)
- Blue (78%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (53%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.4370, 23.9416, -25.8162 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 149.4370, 23.9416, -25.8162 by changing the saturation by 10% instead.

■ 149.4370, 23.9416,
-25.8162

■ 149.4370, 23.9416,
-25.8162

■ 255.0000, 0.0000,
0.0000

■ 123.0240, 23.6522,
-26.3310

■ 204.0780, 25.1045,
-25.5014

■ 97.4970, 22.9260,
-26.7459

■ 229.4730, 12.5848,
-23.2168

■ 72.3720, 22.4946,
-28.3902

■ 248.1230, 3.3904,
-14.1399

■ 45.2570, 23.5373,
-36.1824

■ 29.1120, 20.1578,
-25.5312

■ 13.5760, 16.4780,
-11.9062

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 149.4370, 23.9416,
-25.8162

■ 149.4370, 23.9416,
-25.8162

■ 137.0000, 30.0730,
-32.4490

■ 161.8740, 17.8101,
-19.1835

■ 124.5630, 36.2044,
-39.0818

■ 174.3110, 11.6787,
-12.5507

■ 112.4250, 42.1885,
-45.0997

■ 186.4490, 5.6946,
-6.5328

■ 99.9880, 48.3199,
-51.7325

■ 198.8860, -0.4368,
0.1000

■ 87.5510, 54.4514,
-58.3652

■ 211.3230, -6.5682,
6.7327

■ 75.7010, 60.2934,
-65.5128

■ 223.1730,
-12.4103, 13.8803

■ 74.8150, 60.7302,
-65.6128

■ 234.4140,
-17.9521, 18.0539

■ 240.8710,
-21.1354, 12.3911

■ 247.3280,
-24.3187, 6.7283

Harmonies

Analogous

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



143.4900, 23.4224, -46.0337



149.4370, 23.9416, -25.8162



154.0380, 19.2083, -0.9103

Triad

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



149.4370, 23.9416, -25.8162



154.6690, -11.1758, 38.0013



146.0390, -9.3862, -22.8362

Complementary

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



149.4370, 23.9416, -25.8162



168.5630, -23.9416, 25.8162

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.



148.4670, -18.4712, -2.1636



149.4370, 23.9416, -25.8162



152.8610, -19.1585, 31.6939

Square

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



149.4370, 23.9416, -25.8162



155.5190, -0.2559, 35.5018



151.2630, -22.3147, 17.3093



142.2460, 3.3297, -41.4347

Rectangle

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



149.4370, 23.9416, -25.8162



155.7580, 13.9233, 14.2442



151.2630, -22.3147, 17.3093



146.7580, -13.1917, -15.5738

Sweetspot

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



149.4370, 23.9416, -25.8162



235.7520, 9.4893, -10.3065



170.6880, -3.7902, -44.4534



116.7480, 5.5472, -5.9180



0.0000, 0.0000, 0.0000



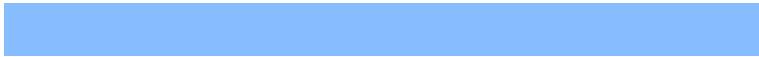
128.0000, 0.0000, 0.0000

Same Dimension

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



149.4370, 23.9416, -25.8162



180.3780, 36.7886, -39.7965



130.0880, 33.4806, -5.3392



93.3740, 2.7736, -2.9590



61.4330, 50.0725, -53.8767



13.4960, 11.0945, -11.8360

Inverse Universe

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



147.3120, 3.7902, 44.4534



177.0360, 5.8983, 68.3744



187.9120, -33.4806, 5.3392



93.1470, 0.4205, 5.1331



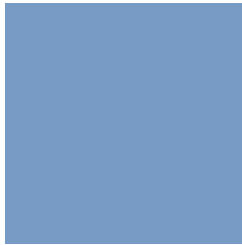
57.0590, 7.8589, 92.9103



12.5880, 1.6821, 20.5323

Previews

White Background



This preview shows how the YUV color 149.4370, 23.9416, -25.8162 looks on a white background.

Color Contrast Check

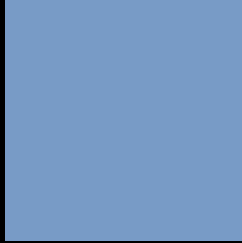
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 149.4370, 23.9416, -25.8162 looks on a black 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 ✓ Pass

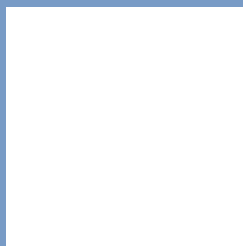
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4370, 23.9416, -25.8162

Background



This preview shows how black text looks on a background with the YUV color 149.4370, 23.9416, -25.8162.



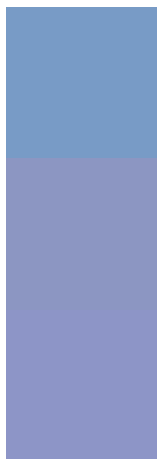
This preview shows how white text looks on a background with the YUV color 149.4370, 23.9416, -25.8162.

-25.8162.

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

149.4370, 23.9416, -25.8162

Protanopia

152.0260, 20.6932, -10.5468

Deuteranopia

152.3080, 23.0192, -9.9171



Tritanopia

147.3150, 12.1697, -30.0943

Trichromacy



Original Color

149.4370, 23.9416, -25.8162

Protanomaly

151.2210, 21.5830, -15.9798

Deuteranomaly

151.0900, 23.6196, -15.8649

Tritanomaly

148.0640, 16.2374, -28.1201

Monochromacy



Original Color

149.4370, 23.9416, -25.8162

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9370, 8.9051, -9.5917

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4370, 23.9416, -25.8162 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(120, 155, 198)` looks like.

```
.text, #text, p{  
    color:rgb(120, 155, 198)  
}
```

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(120, 155, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 155, 198) }
```

Border

The CSS property to change the border of an element to YUV 149.4370, 23.9416, -25.8162 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(120, 155, 198) }
```


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

```
.border{ border-color:rgb(120, 155, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 155, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 155, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 155, 198);  
box-shadow:4px 4px 4px 4px rgb(120, 155,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 149.4370, 23.9416, -25.8162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 155, 198) }
```

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

```
.background{ background-color: rgb(120,  
155, 198) }
```

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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