

Converting Colors

YUV(89.1970, 24.5529,
-35.2528)

Have a look what the booklet for
YUV(89.1970, 24.5529, -35.2528)
contains.

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Color

**YUV(89.1970, 24.5529,
-35.2528)**

Conversions

Conversions Part 1

Format	Color
Hex	31648B
RGB	49, 100, 139
RGB Percent	19%, 39%, 55%
CMY	0.8078, 0.6078, 0.4549
CMYK	0.65, 0.28, 0.00, 0.45
HSL	206°, 48%, 37%
HSV	206°, 65%, 55%
XYZ	10.4840, 11.6314, 26.1186
YIQ	89.1970, -42.9150, 1.3170

Conversions

Conversions Part 2

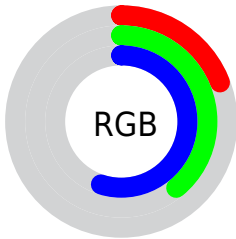
Format	Color
R _{YB}	49, 82, 139
Decimal	3237003
CIE _{Lab}	40.62, -4.28, -26.64
CIE _{LCh}	41, 26.982, 260.876
Y _{xy}	11.6314, 0.2174, 0.2411
Android (android.graphics.Color)	4281427083 (0xFF31648B)
Y _{UV}	89.1970, 24.5529, -35.2528
Hunter-Lab	34.1048, -4.8116, -21.5329

Details

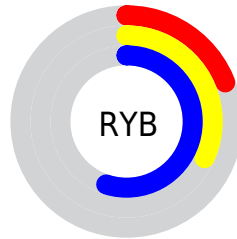
The YUV color **89.1970, 24.5529, -35.2528** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **98.8030, -24.5529, 35.2528**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7350, 25.2736, -33.0936**, and **41.8440, 23.2479, -36.6972** is the 20% darker color. If you saturate the color by 10%, you get **81.4890, 28.3529, -40.7709**, and if you desaturate by 10%, it is **96.9050, 20.7528, -29.7347**.

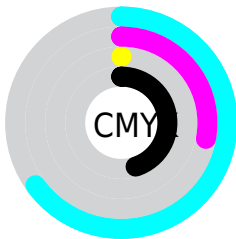
Distribution



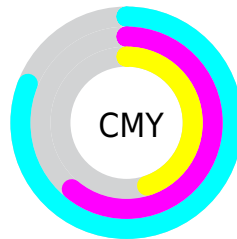
- Red (19%)
- Green (39%)
- Blue (55%)



- Red (19%)
- Yellow (32%)
- Blue (55%)



- Cyan (65%)
- Magenta (28%)
- Yellow (0%)
- Black (45%)



- Cyan (81%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1970, 24.5529, -35.2528 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 89.1970, 24.5529, -35.2528 by changing the saturation by 10% instead.

■ 89.1970, 24.5529,
-35.2528

■ 89.1970, 24.5529,
-35.2528

■ 255.0000, 0.0000,
0.0000

■ 61.6800, 25.3008,
-41.8154

■ 141.7350, 25.2736,
-33.0936

■ 41.8440, 23.2479,
-36.6972

■ 168.5610, 25.8524,
-32.0640

■ 26.7810, 18.8420,
-23.4869

■ 196.2620, 25.9998,
-32.6788

■ 9.0110, 16.7566,
-7.9026

■ 221.7540, 16.3903,
-30.4793

■ 2.9810, 8.8834,
-2.6143

■ 243.3390, 5.7489,
-23.9763

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,

-6.1478

■ 89.1970, 24.5529,
-35.2528

■ 89.1970, 24.5529,
-35.2528

■ 81.4890, 28.3529,
-40.7709

■ 96.9050, 20.7528,
-29.7347

■ 73.7810, 32.1530,
-46.2889

■ 104.6130, 16.9528,
-24.2166

■ 66.0730, 35.9530,
-51.8070

■ 112.3210, 13.1527,
-18.6985

■ 62.2190, 37.8530,
-54.5661

■ 120.0290, 9.3527,
-13.1804

■ 127.4380, 5.7001,
-8.2771

■ 135.1460, 1.9000,
-2.7590

■ 142.8540, -1.9000,
2.7590

■ 150.5620, -5.7001,
8.2771

■ 158.2700, -9.5001,
13.7952

Harmonies

Analogous

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



76.3410, 25.9609, -66.9511



89.1970, 24.5529, -35.2528



96.5210, 19.9561, -7.4729

Triad

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



89.1970, 24.5529, -35.2528



96.8690, -7.8234, 36.0719



89.3170, -11.0023, -17.8180

Complementary

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



89.1970, 24.5529, -35.2528



98.8030, -24.5529, 35.2528

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.



92.3750, -18.9189, 1.4251



89.1970, 24.5529, -35.2528



95.8440, -16.6851, 31.7088

Square

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



89.1970, 24.5529, -35.2528



98.1810, 2.3758, 31.4133



94.6160, -21.0097, 18.7538



84.2030, 1.8719, -40.5200

Rectangle

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



89.1970, 24.5529, -35.2528



98.0670, 15.2500, 8.7112



94.6160, -21.0097, 18.7538



90.8510, -14.2235, -11.2703

Sweetspot

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



89.1970, 24.5529, -35.2528



162.0290, 9.3527, -13.1804



106.2760, -9.0101, -50.2311



80.4380, 5.7001, -8.2771



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



89.1970, 24.5529, -35.2528



103.0340, 38.4372, -55.2808



62.7820, 37.5755, -12.0868



65.1460, 1.9000, -2.7590



59.1870, 36.3898, -51.9070



2.3310, 1.3158, -2.0443

Inverse Universe

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



81.7240, 9.0101, 50.2311



91.2790, 14.1595, 78.6853



125.2180, -37.5755, 12.0868



64.5490, 0.7153, 3.9035



48.3170, 13.1547, 74.2670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 89.1970, 24.5529, -35.2528 looks on a white background.

Color Contrast Check

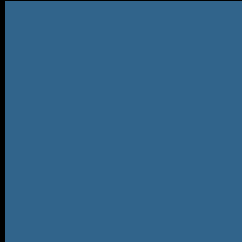
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1970, 24.5529, -35.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

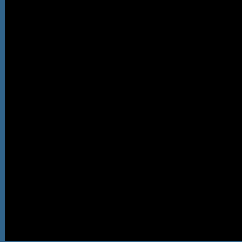
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1970, 24.5529, -35.2528

Background



This preview shows how black text looks on a background with the YUV color 89.1970, 24.5529, -35.2528.



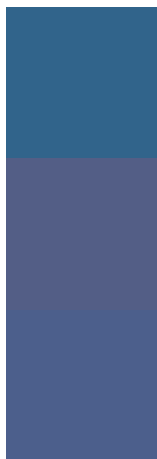
This preview shows how white text looks on a background with the YUV color 89.1970, 24.5529,

-35.2528.

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

89.1970, 24.5529, -35.2528

Protanopia

95.2710, 19.0934, -10.7617

Deuteranopia

94.4490, 22.4566, -16.1798



Tritanopia

84.9820, 13.8129, -43.8342

Trichromacy



Original Color

89.1970, 24.5529, -35.2528

Protanomaly

93.0850, 21.1571, -19.3685

Deuteranomaly

92.6330, 23.3519, -23.3571

Tritanomaly

86.3290, 17.5858, -40.6305

Monochromacy



Original Color

89.1970, 24.5529, -35.2528

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9150, 8.9159, -13.0805

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1970, 24.5529, -35.2528 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(49, 100, 139)` looks like.

```
.text, #text, p{  
    color:rgb(49, 100, 139)  
}
```

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(49, 100, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 100, 139) }
```

Border

The CSS property to change the border of an element to YUV 89.1970, 24.5529, -35.2528 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(49, 100, 139) }
```


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

```
.border{ border-color:rgb(49, 100, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 100, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 100, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 100, 139);  
box-shadow:4px 4px 4px 4px rgb(49, 100,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 89.1970, 24.5529, -35.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 100, 139) }
```

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

```
.background{ background-color: rgb(49, 100,  
139) }
```

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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