

Converting Colors

YUV(95.0410, 34.4898,
-49.1480)

Have a look what the booklet for
YUV(95.0410, 34.4898, -49.1480)
contains.

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Color

**YUV(95.0410, 34.4898,
-49.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	276EA5
RGB	39, 110, 165
RGB Percent	15%, 43%, 65%
CMY	0.8471, 0.5686, 0.3529
CMYK	0.76, 0.33, 0.00, 0.35
HSL	206°, 62%, 40%
HSV	206°, 76%, 65%
XYZ	13.2042, 14.2998, 37.6615
YIQ	95.0410, -59.9710, 2.0530

Conversions

Conversions Part 2

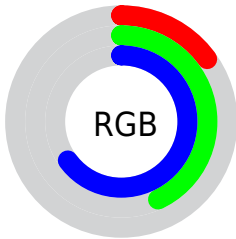
Format	Color
R_{YB}	39, 84, 165
Decimal	2584229
CIE _{Lab}	44.66, -2.51, -35.81
CIE _{LCh}	45, 35.894, 265.993
Yxy	14.2998, 0.2026, 0.2194
Android (android.graphics.Color)	4280774309 (0xFF276EA5)
YUV	95.0410, 34.4898, -49.1480
Hunter-Lab	37.8151, -3.8483, -32.5787

Details

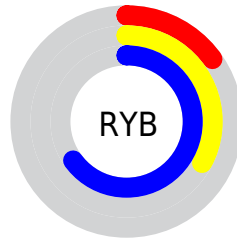
The YUV color **95.0410, 34.4898, -49.1480** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **108.9590, -34.4898, 49.1480**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0850, 34.4681, -42.1705**, and **49.8630, 31.1265, -43.7299** is the 20% darker color. If you saturate the color by 10%, you get **85.8490, 39.0214, -55.9956**, and if you desaturate by 10%, it is **103.9340, 30.1055, -42.9151**.

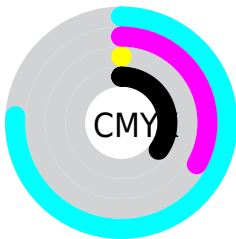
Distribution



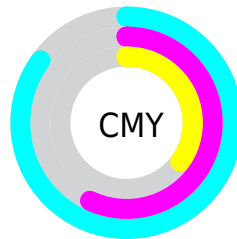
- Red (15%)
- Green (43%)
- Blue (65%)



- Red (15%)
- Yellow (33%)
- Blue (65%)



- Cyan (76%)
- Magenta (33%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (57%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0410, 34.4898, -49.1480 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 95.0410, 34.4898, -49.1480 by changing the saturation by 10% instead.

■ 95.0410, 34.4898,
-49.1480

■ 95.0410, 34.4898,
-49.1480

■ 255.0000, 0.0000,
0.0000

■ 66.2140, 35.3905,
-58.0697

■ 150.0850, 34.4681,
-42.1705

■ 49.8630, 31.1265,
-43.7299

■ 177.9110, 35.0469,
-41.1409

■ 34.0990, 26.5732,
-29.9048

■ 203.7020, 25.2899,
-38.3267

■ 19.6230, 21.8779,
-17.2094

■ 228.8090, 12.9122,
-34.9125

■ 6.5490, 17.4773,
-5.7435

■ 243.9370, 5.4541,
-22.7467

■ 2.8670, 8.4466,
-2.5144

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 95.0410, 34.4898,
-49.1480

■ 95.0410, 34.4898,
-49.1480

■ 85.8490, 39.0214,
-55.9956

■ 103.9340, 30.1055,
-42.9151

■ 76.9560, 43.4057,
-62.2284

■ 113.1260, 25.5739,
-36.0675

■ 73.4010, 45.1583,
-64.3727

■ 122.6060, 20.9002,
-30.3495

■ 131.7980, 16.3686,
-23.5018

■ 140.6910, 11.9843,
-17.2690

■ 149.8830, 7.4527,
-10.4214

■ 158.7760, 3.0684,
-4.1886

■ 168.5550, -1.7526,
2.1443

■ 177.4480, -6.1369,
8.3771

Harmonies

Analogous

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



86.3490, 33.8449, -75.7281



95.0410, 34.4898, -49.1480



106.4380, 25.9131, -4.7691

Triad

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



95.0410, 34.4898, -49.1480



106.0940, -12.3713, 48.1526



95.3000, -11.9799, -30.9581

Complementary

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



95.0410, 34.4898, -49.1480



108.9590, -34.4898, 49.1480

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.



100.4470, -24.8704, -3.0230



95.0410, 34.4898, -49.1480



105.0530, -23.6901, 38.5415

Square

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



95.0410, 34.4898, -49.1480



107.4430, 1.7536, 44.3385



103.4500, -29.3088, 20.6533



82.4270, 8.6635, -72.2885

Rectangle

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



95.0410, 34.4898, -49.1480



109.0340, 18.7172, 16.6332



103.4500, -29.3088, 20.6533



97.4000, -16.9592, -20.5218

Sweetspot

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



95.0410, 34.4898, -49.1480



187.0220, 13.3002, -19.3133



119.2320, -12.4394, -70.3635



90.3990, 8.1843, -11.7509



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



95.0410, 34.4898, -49.1480



104.6150, 53.9268, -76.8384



58.0600, 52.7214, -16.7156



76.9610, 2.4842, -3.4738



64.6640, 39.6056, -56.7103



7.9220, 4.9685, -6.9476

Inverse Universe

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



84.7680, 12.4394, 70.3635



88.5570, 19.4454, 110.0135



145.9400, -52.7214, 16.7156



76.2610, 0.8573, 5.0331



52.7030, 14.4434, 80.9445



6.5220, 1.7147, 10.0662

Previews

White Background



This preview shows how the YUV color 95.0410, 34.4898, -49.1480 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 95.0410, 34.4898, -49.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

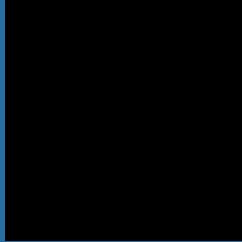
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0410, 34.4898, -49.1480

Background



This preview shows how black text looks on a background with the YUV color 95.0410, 34.4898, -49.1480.



This preview shows how white text looks on a background with the YUV color 95.0410, 34.4898, -49.1480.

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

95.0410, 34.4898, -49.1480

Protanopia

104.3010, 26.9666, -16.0500

Deuteranopia

101.7880, 31.6565, -27.0011



Tritanopia

83.0430, 21.1778, -72.8287

Trichromacy



Original Color

95.0410, 34.4898, -49.1480

Protanomaly

101.2070, 29.4779, -28.2455

Deuteranomaly

99.3740, 32.8466, -35.4080

Tritanomaly

87.0640, 26.0974, -64.0771

Monochromacy



Original Color

95.0410, 34.4898, -49.1480

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8050, 12.4211, -17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0410, 34.4898, -49.1480 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(39, 110, 165)` looks like.

```
.text, #text, p{  
    color:rgb(39, 110, 165)  
}
```

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(39, 110, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 110, 165) }
```

Border

The CSS property to change the border of an element to YUV 95.0410, 34.4898, -49.1480 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(39, 110, 165) }
```


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

```
.border{ border-color:rgb(39, 110, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 110, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 110, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 110, 165);  
box-shadow:4px 4px 4px 4px rgb(39, 110,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 95.0410, 34.4898, -49.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 110, 165) }
```

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

```
.background{ background-color: rgb(39, 110,  
165) }
```

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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