

Converting Colors

YUV(78.7490, 30.6897,
-43.6299)

Have a look what the booklet for
YUV(78.7490, 30.6897, -43.6299)
contains.

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Color

**YUV(78.7490, 30.6897,
-43.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	1D5C8D
RGB	29, 92, 141
RGB Percent	11%, 36%, 55%
CMY	0.8863, 0.6392, 0.4471
CMYK	0.79, 0.35, 0.00, 0.45
HSL	206°, 66%, 33%
HSV	206°, 79%, 55%
XYZ	9.1416, 9.8386, 26.6165
YIQ	78.7490, -53.2770, 1.8830

Conversions

Conversions Part 2

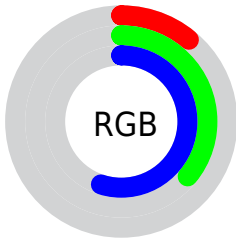
Format	Color
R_{YB}	29, 69, 141
Decimal	1924237
CIE _{Lab}	37.55, -1.74, -32.72
CIE _{LCh}	38, 32.769, 266.959
Yxy	9.8386, 0.2005, 0.2158
Android (android.graphics.Color)	4280114317 (0xFF1D5C8D)
YUV	78.7490, 30.6897, -43.6299
Hunter-Lab	31.3665, -2.8688, -28.3548

Details

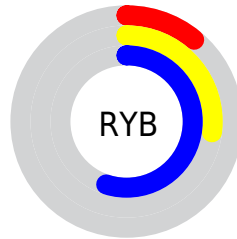
The YUV color **78.7490, 30.6897, -43.6299** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **91.2510, -30.6897, 43.6299**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7930, 30.6681, -36.6525**, and **37.8490, 25.7104, -33.1936** is the 20% darker color. If you saturate the color by 10%, you get **71.0410, 34.4898, -49.1480**, and if you desaturate by 10%, it is **86.4570, 26.8897, -38.1118**.

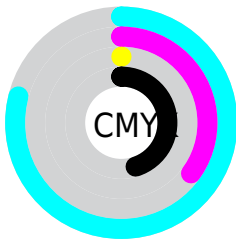
Distribution



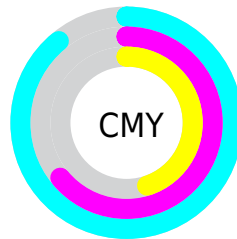
- Red (11%)
- Green (36%)
- Blue (55%)



- Red (11%)
- Yellow (27%)
- Blue (55%)



- Cyan (79%)
- Magenta (35%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7490, 30.6897, -43.6299 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 78.7490, 30.6897, -43.6299 by changing the saturation by 10% instead.

■ 78.7490, 30.6897,
-43.6299

■ 78.7490, 30.6897,
-43.6299

■ 255.0000, 0.0000,
0.0000

■ 53.6130, 30.2638,
-47.0186

■ 132.7930, 30.6681,
-36.6525

■ 37.8490, 25.7104,
-33.1936

■ 159.6190, 31.2468,
-35.6229

■ 22.9000, 21.7413,
-20.0833

■ 187.1460, 31.9730,
-35.2080

■ 6.7770, 18.3509,
-5.9434

■ 212.5950, 20.9057,
-32.0938

■ 3.2090, 9.7570,
-2.8143

■ 237.9900, 8.3859,
-29.8092

■ 0.0000, 0.0000,
0.0000

■ 248.7210, 3.0955,

-12.9103

■ 78.7490, 30.6897,
-43.6299

■ 78.7490, 30.6897,
-43.6299

■ 71.0410, 34.4898,
-49.1480

■ 86.4570, 26.8897,
-38.1118

■ 63.3330, 38.2898,
-54.6660

■ 94.1650, 23.0897,
-32.5937

■ 62.4470, 38.7266,
-54.7660

■ 102.4600, 19.0002,
-27.5904

■ 110.1680, 15.2002,
-22.0723

■ 118.1750, 11.2527,
-15.9395

■ 125.8830, 7.4527,
-10.4214

■ 133.5910, 3.6526,
-4.9033

■ 141.2990, -0.1474,
0.6148

■ 149.5940, -4.2368,
5.6181

Harmonies

Analogous

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



72.5740, 29.2970, -63.6474



78.7490, 30.6897, -43.6299



89.9390, 22.7081, -3.4545

Triad

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



78.7490, 30.6897, -43.6299



88.4030, -11.0447, 42.6196



78.7780, -10.2436, -27.8693

Complementary

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



78.7490, 30.6897, -43.6299



91.2510, -30.6897, 43.6299

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.



83.5440, -21.9602, -3.1081



78.7490, 30.6897, -43.6299



87.3020, -21.3479, 33.9381

Square

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



78.7490, 30.6897, -43.6299



89.5950, 1.1857, 39.8202



86.0520, -25.6616, 17.4944



68.9770, 7.8993, -60.4928

Rectangle

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



78.7490, 30.6897, -43.6299



90.8660, 16.8281, 15.9035



86.0520, -25.6616, 17.4944



80.9810, -14.7806, -19.2773

Sweetspot

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



78.7490, 30.6897, -43.6299



159.1040, 12.2737, -16.7542



100.3300, -11.0087, -62.5564



76.8830, 7.4527, -10.4214



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.



78.7490, 30.6897, -43.6299



86.4760, 48.0793, -67.9465



45.8770, 46.8956, -14.8011



67.1460, 1.9000, -2.7590



60.0020, 36.9740, -52.6218



3.2600, 2.3368, -2.8590

Inverse Universe

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



69.6700, 11.0087, 62.5564



72.4970, 17.0100, 97.7881



124.1230, -46.8956, 14.8011



66.5490, 0.7153, 3.9035



49.0290, 13.2967, 75.3966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 78.7490, 30.6897, -43.6299 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 ✓ Pass

Black Background



This preview shows how the YUV color 78.7490, 30.6897, -43.6299 looks on a black 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

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

YUV 78.7490, 30.6897, -43.6299

Background



This preview shows how black text looks on a background with the YUV color 78.7490, 30.6897, -43.6299.



This preview shows how white text looks on a background with the YUV color 78.7490, 30.6897,

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

78.7490, 30.6897, -43.6299

Protanopia

86.9160, 24.1984, -14.8353

Deuteranopia

84.5880, 28.3041, -25.0717



Tritanopia

69.4960, 17.5035, -60.9480

Trichromacy



Original Color

78.7490, 30.6897, -43.6299

Protanomaly

83.8330, 26.7043, -25.2865

Deuteranomaly

82.1850, 29.4888, -31.7342

Tritanomaly

73.0930, 22.1392, -54.4556

Monochromacy



Original Color

78.7490, 30.6897, -43.6299

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1750, 11.2527, -15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7490, 30.6897, -43.6299 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(29, 92, 141)` looks like.

```
.text, #text, p{  
    color:rgb(29, 92, 141)  
}
```

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(29, 92, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 92, 141) }
```

Border

The CSS property to change the border of an element to YUV 78.7490, 30.6897, -43.6299 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(29, 92, 141) }
```


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

```
.border{ border-color:rgb(29, 92, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 92, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 92, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 92, 141);  
box-shadow:4px 4px 4px 4px rgb(29, 92,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 78.7490, 30.6897, -43.6299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 92, 141) }
```

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

```
.background{ background-color: rgb(29, 92,  
141) }
```

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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