

Converting Colors

YUV(104.7490, 30.6897,
-43.6299)

Have a look what the booklet for
YUV(104.7490, 30.6897, -43.6299)
contains.

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Color

**YUV(104.7490, 30.6897,
-43.6299)**

Conversions

Conversions Part 1

Format	Color
Hex	3776A7
RGB	55, 118, 167
RGB Percent	22%, 46%, 65%
CMY	0.7843, 0.5373, 0.3451
CMYK	0.67, 0.29, 0.00, 0.35
HSL	206°, 50%, 44%
HSV	206°, 67%, 65%
XYZ	15.0290, 16.5591, 38.9633
YIQ	104.7490, -53.2770, 1.8830

Conversions

Conversions Part 2

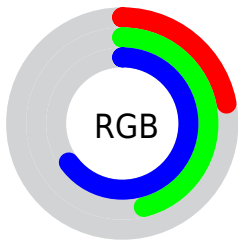
Format	Color
RYB	55, 95, 167
Decimal	3634855
CIELab	47.70, -4.19, -32.16
CIElCh	48, 32.436, 262.575
Yxy	16.5591, 0.2130, 0.2347
Android (android.graphics.Color)	4281824935 (0xFF3776A7)
YUV	104.7490, 30.6897, -43.6299
Hunter-Lab	40.6929, -5.2875, -28.2850

Details

The YUV color **104.7490, 30.6897, -43.6299** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **117.2510, -30.6897, 43.6299**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1840, 30.9683, -39.6264**, and **54.2000, 29.9744, -47.5334** is the 20% darker color. If you saturate the color by 10%, you get **95.5570, 35.2214, -50.4775**, and if you desaturate by 10%, it is **113.9410, 26.1581, -36.7823**.

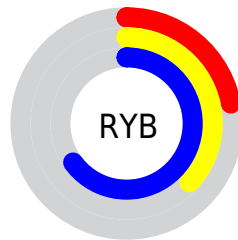
Distribution



Red (22%)

Green (46%)

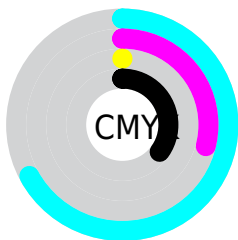
Blue (65%)



Red (22%)

Yellow (37%)

Blue (65%)

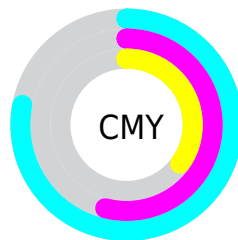


Cyan (67%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.7490, 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 104.7490, 30.6897, -43.6299 by changing the saturation by 10% instead.

■ 104.7490, 30.6897,
-43.6299

■ 104.7490, 30.6897,
-43.6299

■ 255.0000, 0.0000,
0.0000

■ 75.3350, 31.8798,
-52.0368

■ 159.1840, 30.9683,
-39.6264

■ 54.2000, 29.9744,
-47.5334

■ 186.7110, 31.6945,
-39.2115

■ 38.4360, 25.4211,
-33.7084

■ 211.9750, 21.2113,
-36.8121

■ 23.9600, 20.7257,
-21.0129

■ 237.6690, 8.5442,
-33.9127

■ 6.7770, 18.3509,
-5.9434

■ 247.2260, 3.8326,
-15.9842

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 104.7490, 30.6897,
-43.6299

■ 104.7490, 30.6897,
-43.6299

■ 95.5570, 35.2214,
-50.4775

■ 113.9410, 26.1581,
-36.7823

■ 86.0770, 39.8950,
-56.1955

■ 123.4210, 21.4844,
-31.0642

■ 76.8850, 44.4267,
-63.0431

■ 132.6130, 16.9528,
-24.2166

■ 74.2160, 45.7425,
-65.0874

■ 141.8050, 12.4211,
-17.3690

■ 151.5840, 7.6001,
-11.0362

■ 160.4770, 3.2158,
-4.8033

■ 169.6690, -1.3158,
2.0443

■ 178.8610, -5.8475,
8.8919

■ 188.3410,
-10.5211, 14.6099

Harmonies

Analogous

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



90.5720, 32.2560, -79.4316



104.7490, 30.6897, -43.6299



114.3730, 24.4661, -7.3431

Triad

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



104.7490, 30.6897, -43.6299



114.0550, -9.8871, 44.6788



105.1160, -12.8752, -23.7807

Complementary

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



104.7490, 30.6897, -43.6299



117.2510, -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.



109.1100, -23.7182, 0.7805



104.7490, 30.6897, -43.6299



113.4380, -20.9219, 37.3269

Square

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



104.7490, 30.6897, -43.6299



115.9370, 2.4961, 39.5203



111.2590, -26.2567, 21.6979



96.9840, 3.9519, -54.3600

Rectangle

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



104.7490, 30.6897, -43.6299



116.5990, 18.4387, 12.6297



111.2590, -26.2567, 21.6979



106.4330, -16.9755, -15.2887

Sweetspot

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



104.7490, 30.6897, -43.6299



192.6910, 11.9843, -17.2690



126.3300, -11.0087, -62.5564



94.8830, 7.4527, -10.4214



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



104.7490, 30.6897, -43.6299



120.3620, 47.6425, -67.8465



71.8770, 46.8956, -14.8011



79.2600, 2.3368, -2.8590



65.5930, 40.6267, -57.5251



8.7370, 5.5527, -7.6623

Inverse Universe

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



95.6700, 11.0087, 62.5564



106.1980, 17.1574, 97.1734



150.1230, -46.8956, 14.8011



78.8480, 0.5679, 4.5183



53.7140, 14.4380, 82.6888



7.2340, 1.8566, 11.1958

Previews

White Background



This preview shows how the YUV color 104.7490, 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 × Fail

Black Background



This preview shows how the YUV color 104.7490, 30.6897, -43.6299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

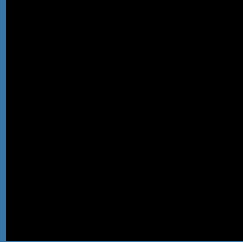
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7490, 30.6897, -43.6299

Background



This preview shows how black text looks on a background with the YUV color 104.7490, 30.6897, -43.6299.



This preview shows how white text looks on a background with the YUV color 104.7490, 30.6897, -43.6299.

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

104.7490, 30.6897, -43.6299

Protanopia

112.5140, 23.9036, -13.6058

Deuteranopia

110.9090, 28.1459, -20.9682



Tritanopia

98.5290, 17.4872, -55.7149

Trichromacy



Original Color

104.7490, 30.6897, -43.6299

Protanomaly

110.0180, 26.1201, -24.5718

Deuteranomaly

108.4950, 29.3360, -29.3751

Tritanomaly

100.8160, 22.2757, -51.5816

Monochromacy



Original Color

104.7490, 30.6897, -43.6299

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.1750, 11.2527, -15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7490, 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(55, 118, 167)` looks like.

```
.text, #text, p{  
    color:rgb(55, 118, 167)  
}
```

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(55, 118, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 118, 167) }
```

Border

The CSS property to change the border of an element to YUV 104.7490, 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(55, 118, 167) }
```


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

```
.border{ border-color:rgb(55, 118, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 118, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 118, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 118, 167);  
box-shadow:4px 4px 4px 4px rgb(55, 118,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 104.7490, 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(55, 118, 167) }
```

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

```
.background{ background-color: rgb(55, 118,  
167) }
```

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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