

Converting Colors

YUV(112.4990, 16.5160,
-24.1166)

Have a look what the booklet for
YUV(112.4990, 16.5160, -24.1166)
contains.

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Color

**YUV(112.4990, 16.5160,
-24.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	557892
RGB	85, 120, 146
RGB Percent	33%, 47%, 57%
CMY	0.6667, 0.5294, 0.4275
CMYK	0.42, 0.18, 0.00, 0.43
HSL	206°, 26%, 45%
HSV	206°, 42%, 57%
XYZ	15.6511, 17.4396, 29.7354
YIQ	112.4990, -29.2060, 0.6660

Conversions

Conversions Part 2

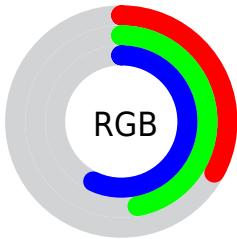
Format	Color
R_{YB}	85, 107, 146
Decimal	5601426
CIE _{Lab}	48.81, -5.29, -18.02
CIE _{LCh}	49, 18.780, 253.626
Yxy	17.4396, 0.2491, 0.2776
Android (android.graphics.Color)	4283791506 (0xFF557892)
YUV	112.4990, 16.5160, -24.1166
Hunter-Lab	41.7607, -6.1829, -12.9845

Details

The YUV color **112.4990, 16.5160, -24.1166** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.5010, -16.5160, 24.1166**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7270, 17.3896, -24.3166**, and **63.2600, 15.6478, -25.6610** is the 20% darker color. If you saturate the color by 10%, you get **104.4920, 20.4634, -30.2495**, and if you desaturate by 10%, it is **120.5060, 12.5685, -17.9838**.

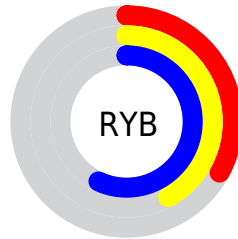
Distribution



Red (33%)

Green (47%)

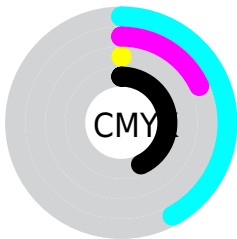
Blue (57%)



Red (33%)

Yellow (42%)

Blue (57%)

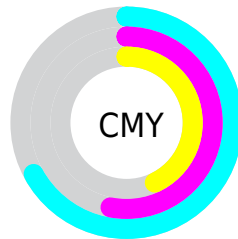


Cyan (42%)

Magenta (18%)

Yellow (0%)

Black (43%)



Cyan (67%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.4990, 16.5160, -24.1166 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 112.4990, 16.5160, -24.1166 by changing the saturation by 10% instead.

■ 112.4990, 16.5160,
-24.1166

■ 112.4990, 16.5160,
-24.1166

■ 255.0000, 0.0000,
0.0000

■ 87.3850, 16.0792,
-24.0166

■ 164.7270, 17.3896,
-24.3166

■ 63.2600, 15.6478,
-25.6610

■ 192.4280, 17.5370,
-24.9314

■ 37.8680, 16.8271,
-30.5792

■ 220.3140, 17.1002,
-24.8314

■ 22.0220, 13.3002,
-19.3133

■ 244.5350, 5.1592,
-21.5172

■ 4.3660, 11.6516,
-3.8290

■ 253.2060, 0.8844,
-3.6887

■ 0.0000, 0.0000,
0.0000

■ 112.4990, 16.5160,
-24.1166

■ 112.4990, 16.5160,
-24.1166

■ 104.4920, 20.4634,
-30.2495

■ 120.5060, 12.5685,
-17.9838

■ 96.7840, 24.2635,
-35.7676

■ 128.2140, 8.7685,
-12.4657

■ 88.1900, 28.5003,
-41.3856

■ 136.8080, 4.5317,
-6.8476

■ 80.4820, 32.3004,
-46.9037

■ 144.5160, 0.7316,
-1.3295

■ 72.4750, 36.2478,
-53.0366

■ 152.5230, -3.2158,
4.8033

■ 65.9520, 39.4637,
-57.8399

■ 160.5300, -7.1633,
10.9362

■ 168.8250,
-11.2527, 15.9395

■ 176.8320,

-15.2002, 22.0723

 184.5400,
-19.0002, 27.5904

Harmonies

Analogous

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



109.0480, 13.7803, -33.3681



112.4990, 16.5160, -24.1166



116.2560, 15.1568, -8.1175

Triad

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



112.4990, 16.5160, -24.1166



118.3130, -4.5913, 26.0355



112.7140, -9.7190, -9.3962

Complementary

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



112.4990, 16.5160, -24.1166



118.5010, -16.5160, 24.1166

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.



114.2490, -14.4198, 5.0436



112.4990, 16.5160, -24.1166



117.2930, -10.9904, 25.1760

Square

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



112.4990, 16.5160, -24.1166



118.3430, 3.2819, 20.7472



116.2120, -14.8945, 17.3541



110.2870, -2.1135, -22.1767

Rectangle

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



112.4990, 16.5160, -24.1166



117.5240, 12.0667, 3.0485



116.2120, -14.8945, 17.3541



112.8780, -11.7719, -4.2780

Sweetspot

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



112.4990, 16.5160, -24.1166



175.0680, 6.8685, -9.7066



123.6570, -6.7329, -33.9022



85.9930, 3.9475, -6.1329



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



112.4990, 16.5160, -24.1166



136.5280, 25.8687, -37.2971



94.8890, 25.1977, -8.6727



70.1460, 1.9000, -2.7590



62.1050, 37.4162, -54.4661



4.6620, 2.6316, -4.0886

Inverse Universe

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



107.2290, 6.2961, 34.0022



128.5610, 9.5834, 53.0050



136.1110, -25.1977, 8.6727



69.5490, 0.7153, 3.9035



50.2680, 14.1649, 76.9410



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 112.4990, 16.5160, -24.1166 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 112.4990, 16.5160, -24.1166 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

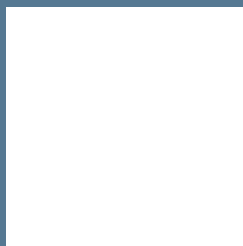
Any Text WCAG AAA × Fail

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

YUV 112.4990, 16.5160, -24.1166 Background



This preview shows how black text looks on a background with the YUV color 112.4990, 16.5160, -24.1166.



This preview shows how white text looks on a background with the YUV color 112.4990, 16.5160,

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

112.4990, 16.5160, -24.1166

Protanopia

115.6970, 12.9674, -5.8733

Deuteranopia

115.9790, 15.2934, -5.2436



Tritanopia

110.8810, 10.4117, -26.2056

Trichromacy



Original Color

112.4990, 16.5160, -24.1166

Protanomaly

114.2940, 14.1521, -12.5358

Deuteranomaly

115.0490, 15.7518, -12.3210

Tritanomaly

111.1630, 12.7376, -25.5760

Monochromacy



Original Color

112.4990, 16.5160, -24.1166

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1390, 5.8475, -8.8919

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.4990, 16.5160, -24.1166 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(85, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(85, 120, 146)  
}
```

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(85, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 120, 146) }
```

Border

The CSS property to change the border of an element to YUV 112.4990, 16.5160, -24.1166 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(85, 120, 146) }
```


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

```
.border{ border-color:rgb(85, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(85, 120,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 112.4990, 16.5160, -24.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 120, 146) }
```

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

```
.background{ background-color: rgb(85, 120,  
146) }
```

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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