

Converting Colors

YUV(109.7490, 17.3787,
-20.8279)

Have a look what the booklet for
YUV(109.7490, 17.3787, -20.8279)
contains.

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Color

**YUV(109.7490, 17.3787,
-20.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	567391
RGB	86, 115, 145
RGB Percent	34%, 45%, 57%
CMY	0.6627, 0.5490, 0.4314
CMYK	0.41, 0.21, 0.00, 0.43
HSL	211°, 26%, 45%
HSV	211°, 41%, 57%
XYZ	15.0793, 16.2842, 29.1365
YIQ	109.7490, -26.9140, 3.1820

Conversions

Conversions Part 2

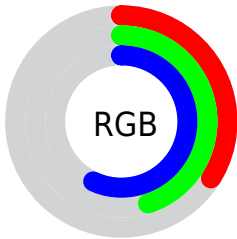
Format	Color
R _Y B	86, 105, 145
Decimal	5665681
CIE Lab	47.35, -2.36, -19.67
CIE LCh	47, 19.807, 263.149
Yxy	16.2842, 0.2492, 0.2692
Android (android.graphics.Color)	4283855761 (0xFF567391)
YUV	109.7490, 17.3787, -20.8279
Hunter-Lab	40.3537, -3.9174, -14.5614

Details

The YUV color **109.7490, 17.3787, -20.8279** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121.2510, -17.3787, 20.8279**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.9770, 18.2523, -21.0278**, and **60.8090, 16.3632, -21.7575** is the 20% darker color. If you saturate the color by 10%, you get **101.4540, 21.4682, -25.8312**, and if you desaturate by 10%, it is **118.3430, 13.1419, -15.2098**.

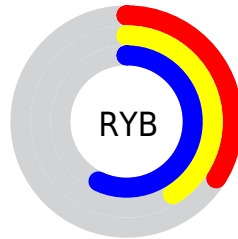
Distribution



Red (34%)

Green (45%)

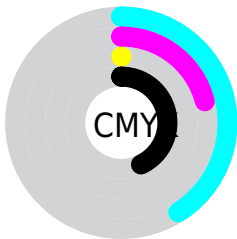
Blue (57%)



Red (34%)

Yellow (41%)

Blue (57%)

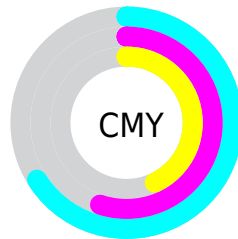


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (43%)



Cyan (66%)

Magenta (55%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.7490, 17.3787, -20.8279 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 109.7490, 17.3787, -20.8279 by changing the saturation by 10% instead.

■ 109.7490, 17.3787,
-20.8279

■ 109.7490, 17.3787,
-20.8279

■ 255.0000, 0.0000,
0.0000

■ 85.2220, 16.6526,
-21.2427

■ 161.9770, 18.2523,
-21.0278

■ 60.8090, 16.3632,
-21.7575

■ 189.0910, 18.6891,
-21.1278

■ 36.3030, 17.1056,
-26.5757

■ 217.0910, 18.6891,
-21.1278

■ 20.1470, 13.7315,
-17.6689

■ 241.8990, 6.4588,
-18.3284

■ 3.6650, 11.5042,
-3.2142

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 109.7490, 17.3787,
-20.8279

■ 109.7490, 17.3787,
-20.8279

■ 101.4540, 21.4682,
-25.8312

■ 118.3430, 13.1419,
-15.2098

■ 92.2730, 25.9944,
-30.9344

■ 127.2250, 8.7631,
-10.7213

■ 83.9780, 30.0838,
-35.9377

■ 135.8190, 4.5262,
-5.1033

■ 75.3840, 34.3207,
-41.5558

■ 144.1140, 0.4368,
-0.1000

■ 66.5020, 38.6995,
-46.0443

■ 153.2950, -4.0894,
5.0033

■ 58.2070, 42.7889,
-51.0475

■ 161.5900, -8.1789,
10.0066

■ 170.4720,
-12.5577, 14.4951

■ 179.0660,

-16.7945, 20.1131

 187.6600,
-21.0314, 25.7312

Harmonies

Analogous

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



105.6180, 15.9643, -33.8680



109.7490, 17.3787, -20.8279



113.1750, 14.7037, -2.7845

Triad

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



109.7490, 17.3787, -20.8279



114.3410, -7.0701, 27.7649



107.8490, -7.8136, -13.8996

Complementary

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



109.7490, 17.3787, -20.8279



121.2510, -17.3787, 20.8279

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.



109.9280, -14.2615, 0.9401



109.7490, 17.3787, -20.8279



113.0110, -13.3164, 24.5464

Square

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



109.7490, 17.3787, -20.8279



114.7950, 1.0871, 24.7358



111.8480, -16.1941, 14.1653



105.4650, 1.2498, -27.5948

Rectangle

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



109.7490, 17.3787, -20.8279



114.9160, 10.8874, 7.9667



111.8480, -16.1941, 14.1653



108.6000, -10.1558, -9.2962

Sweetspot

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



109.7490, 17.3787, -20.8279



175.0790, 6.8631, -7.9623



124.0530, -3.9701, -33.3725



86.5910, 3.6526, -4.9033



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.



109.7490, 17.3787, -20.8279



133.6040, 27.3102, -32.9787



92.7260, 25.7711, -5.8987



67.1460, 1.9000, -2.7590



54.1320, 39.8679, -47.4738



3.2600, 2.3368, -2.8590

Inverse Universe

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



106.9470, 3.9701, 33.3725



129.0510, 6.3839, 52.5753



138.2740, -25.7711, 5.8987



66.5490, 0.7153, 3.9035



47.8890, 8.9287, 76.3963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 109.7490, 17.3787, -20.8279 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 109.7490, 17.3787, -20.8279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

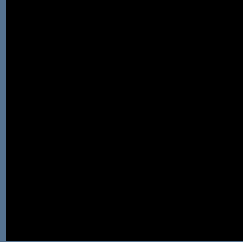
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

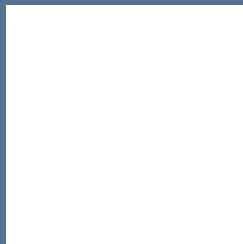
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.7490, 17.3787, -20.8279

Background



This preview shows how black text looks on a background with the YUV color 109.7490, 17.3787, -20.8279.

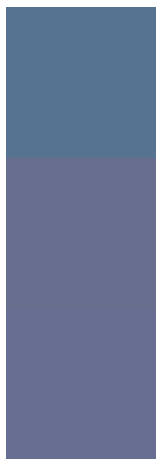


This preview shows how white text looks on a background with the YUV color 109.7490, 17.3787, -20.8279.

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

109.7490, 17.3787, -20.8279

Protanopia

112.4410, 14.5726, -7.4028

Deuteranopia

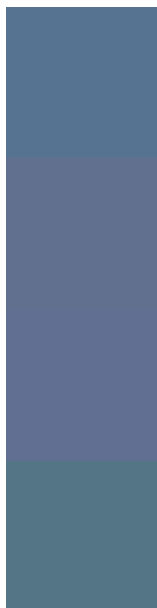
112.3100, 16.6092, -7.2879



Tritanopia

108.0770, 9.8220, -23.7465

Trichromacy



Original Color

109.7490, 17.3787, -20.8279

Protanomaly

111.0490, 15.7518, -12.3210

Deuteranomaly

111.3910, 17.0622, -12.6209

Tritanomaly

108.7720, 12.4374, -22.6020

Monochromacy



Original Color

109.7490, 17.3787, -20.8279

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9650, 6.4263, -7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7490, 17.3787, -20.8279 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(86, 115, 145)` looks like.

```
.text, #text, p{  
    color:rgb(86, 115, 145)  
}
```

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(86, 115, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 115, 145) }
```

Border

The CSS property to change the border of an element to YUV 109.7490, 17.3787, -20.8279 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(86, 115, 145) }
```


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

```
.border{ border-color:rgb(86, 115, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 115, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 115, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 115, 145);  
box-shadow:4px 4px 4px 4px rgb(86, 115,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 109.7490, 17.3787, -20.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 115, 145) }
```

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

```
.background{ background-color: rgb(86, 115,  
145) }
```

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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