

Converting Colors

YUV(94.7200, 24.7880,
-17.2944)

Have a look what the booklet for
YUV(94.7200, 24.7880, -17.2944)
contains.

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Color

**YUV(94.7200, 24.7880,
-17.2944)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5F91
RGB	75, 95, 145
RGB Percent	29%, 37%, 57%
CMY	0.7059, 0.6275, 0.4314
CMYK	0.48, 0.34, 0.00, 0.43
HSL	223°, 32%, 43%
HSV	223°, 48%, 57%
XYZ	12.1047, 11.7246, 28.4132
YIQ	94.7200, -27.9700, 11.3100

Conversions

Conversions Part 2

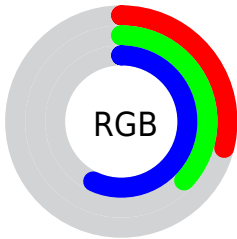
Format	Color
R_{YB}	75, 91, 145
Decimal	4939665
CIE _{Lab}	40.78, 6.84, -29.92
CIE _{LCh}	41, 30.690, 282.878
Yxy	11.7246, 0.2317, 0.2244
Android (android.graphics.Color)	4283129745 (0xFF4B5F91)
YUV	94.7200, 24.7880, -17.2944
Hunter-Lab	34.2412, 3.1798, -25.2296

Details

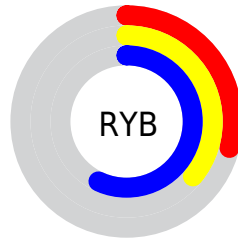
The YUV color **94.7200, 24.7880, -17.2944** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.2800, -24.7880, 17.2944**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7740, 26.2404, -16.4648**, and **45.7580, 23.7833, -21.7128** is the 20% darker color. If you saturate the color by 10%, you get **84.6640, 29.7456, -20.7533**, and if you desaturate by 10%, it is **105.0750, 19.6830, -13.2208**.

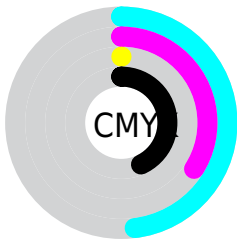
Distribution



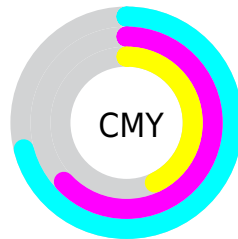
- Red (29%)
- Green (37%)
- Blue (57%)



- Red (29%)
- Yellow (36%)
- Blue (57%)



- Cyan (48%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.7200, 24.7880, -17.2944 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 94.7200, 24.7880, -17.2944 by changing the saturation by 10% instead.

■ 94.7200, 24.7880,
-17.2944

■ 94.7200, 24.7880,
-17.2944

■ 255.0000, 0.0000,
0.0000

■ 69.8940, 24.2093,
-18.3240

■ 145.7740, 26.2404,
-16.4648

■ 45.7580, 23.7833,
-21.7128

■ 172.8880, 26.6772,
-16.5648

■ 25.0030, 22.1835,
-21.9276

■ 200.3010, 26.9666,
-16.0500

■ 6.0590, 20.6769,
-5.3137

■ 225.1090, 14.7363,
-13.2506

■ 3.5510, 11.0674,
-3.1142

■ 250.2160, 2.3585,
-9.8364

■ 0.0000, 0.0000,
0.0000

■ 94.7200, 24.7880,
-17.2944

■ 94.7200, 24.7880,
-17.2944

■ 84.6640, 29.7456,
-20.7533

■ 105.0750, 19.6830,
-13.2208

■ 73.7220, 35.1401,
-24.3122

■ 115.7180, 14.4360,
-10.2767

■ 63.3670, 40.2451,
-28.3859

■ 125.7740, 9.4784,
-6.8178

■ 53.3110, 45.2027,
-31.8447

■ 136.1290, 4.3734,
-2.7441

■ 42.3690, 50.5971,
-35.4036

■ 146.7720, -0.8736,
0.2000

■ 40.5970, 51.4707,
-35.6036

■ 157.1270, -5.9786,
4.2736

■ 168.0690,
-11.3730, 7.8325

■ 178.1250,

-16.3306, 11.2914

■ 188.4800,
-21.4356, 15.3650

Harmonies

Analogous

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



79.5680, 31.7650, -61.8881



94.7200, 24.7880, -17.2944



98.5450, 16.9863, 11.8000

Triad

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



94.7200, 24.7880, -17.2944



96.2900, -16.4120, 37.4567



83.5790, -1.7644, -40.8498

Complementary

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



94.7200, 24.7880, -17.2944



125.2800, -24.7880, 17.2944

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.



89.4870, -15.5231, -14.4591



94.7200, 24.7880, -17.2944



95.3780, -23.3574, 25.1015

Square

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



94.7200, 24.7880, -17.2944



97.4720, -5.6557, 40.8051



92.9690, -23.1557, 7.0432



76.0670, 14.7570, -66.7108

Rectangle

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



94.7200, 24.7880, -17.2944



99.0970, 9.8122, 26.2249



92.9690, -23.1557, 7.0432



86.2660, -7.0331, -30.9283

Sweetspot

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



94.7200, 24.7880, -17.2944



169.7740, 9.4784, -6.8178



121.6760, 1.1457, -40.9349



82.7590, 5.5418, -4.1736



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.



94.7200, 24.7880, -17.2944



110.3240, 38.7873, -27.4711



87.1660, 28.5122, 1.6084



65.9720, 2.4788, -1.7294



38.2830, 47.6815, -33.5742



2.0860, 2.9156, -1.8294

Inverse Universe

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



98.2100, -1.5825, 41.0348



115.5380, -2.2372, 64.4262



132.8340, -28.5122, -1.6084



66.3210, -0.1583, 4.1035



44.8110, -2.8648, 79.0958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 94.7200, 24.7880, -17.2944 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 94.7200, 24.7880, -17.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

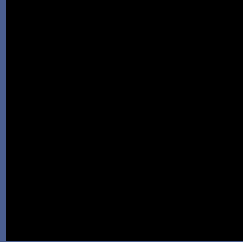
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

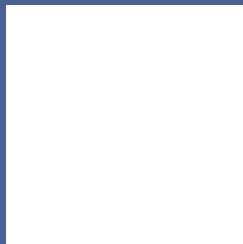
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.7200, 24.7880, -17.2944

Background



This preview shows how black text looks on a background with the YUV color 94.7200, 24.7880, -17.2944.

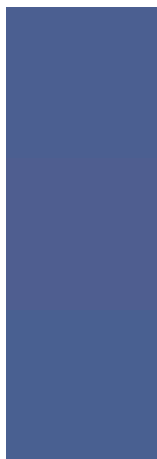


This preview shows how white text looks on a background with the YUV color 94.7200, 24.7880,

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

94.7200, 24.7880, -17.2944

Protanopia

95.2150, 24.0510, -14.2206

Deuteranopia

94.7090, 24.7935, -19.0388



Tritanopia

91.5500, 9.0959, -24.1613

Trichromacy



Original Color

94.7200, 24.7880, -17.2944

Protanomaly

94.9160, 24.1984, -14.8353

Deuteranomaly

95.0080, 24.6461, -18.4240

Tritanomaly

92.4670, 15.0528, -21.4576

Monochromacy



Original Color

94.7200, 24.7880, -17.2944

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9590, 8.8942, -6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.7200, 24.7880, -17.2944 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(75, 95, 145)` looks like.

```
.text, #text, p{  
    color:rgb(75, 95, 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(75, 95, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 95, 145) }
```

Border

The CSS property to change the border of an element to YUV 94.7200, 24.7880, -17.2944 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(75, 95, 145) }
```


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

```
.border{ border-color:rgb(75, 95, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 95, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 95, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 95, 145);  
box-shadow:4px 4px 4px 4px rgb(75, 95,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 94.7200, 24.7880, -17.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 95, 145) }
```

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

```
.background{ background-color: rgb(75, 95,  
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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