

Converting Colors

YUV(120.9400, 27.6376,
-44.6744)

Have a look what the booklet for
YUV(120.9400, 27.6376, -44.6744)
contains.

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Color

**YUV(120.9400, 27.6376,
-44.6744)**

Conversions

Conversions Part 1

Format	Color
Hex	4688B1
RGB	70, 136, 177
RGB Percent	27%, 53%, 69%
CMY	0.7255, 0.4667, 0.3059
CMYK	0.60, 0.23, 0.00, 0.31
HSL	203°, 43%, 48%
HSV	203°, 60%, 69%
XYZ	19.2658, 22.0847, 44.8423
YIQ	120.9400, -52.4970, -1.2410

Conversions

Conversions Part 2

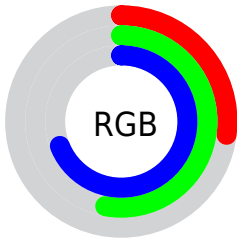
Format	Color
R _Y B	70, 111, 177
Decimal	4622513
CIE Lab	54.12, -8.52, -27.91
CIE LCh	54, 29.181, 253.030
Yxy	22.0847, 0.2235, 0.2562
Android (android.graphics.Color)	4282812593 (0xFF4688B1)
YUV	120.9400, 27.6376, -44.6744
Hunter-Lab	46.9944, -9.0626, -23.6788

Details

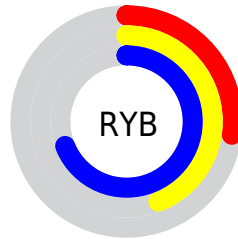
The YUV color **120.9400, 27.6376, -44.6744** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **126.0600, -27.6376, 44.6744**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4780, 28.3583, -42.5152**, and **64.6180, 29.2753, -56.6700** is the 20% darker color. If you saturate the color by 10%, you get **111.4490, 32.3166, -52.1368**, and if you desaturate by 10%, it is **130.4310, 22.9585, -37.2120**.

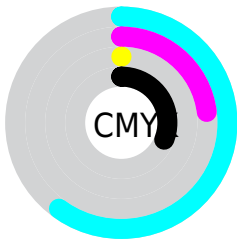
Distribution



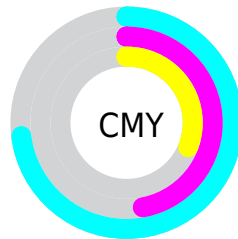
- Red (27%)
- Green (53%)
- Blue (69%)



- Red (27%)
- Yellow (44%)
- Blue (69%)



- Cyan (60%)
- Magenta (23%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9400, 27.6376, -44.6744 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 120.9400, 27.6376, -44.6744 by changing the saturation by 10% instead.

■ 120.9400, 27.6376,
-44.6744

■ 120.9400, 27.6376,
-44.6744

■ 255.0000, 0.0000,
0.0000

■ 93.6190, 27.7958,
-48.7779

■ 175.4780, 28.3583,
-42.5152

■ 64.6180, 29.2753,
-56.6700

■ 202.7940, 25.7376,
-41.9153

■ 48.2670, 25.0114,
-42.3302

■ 227.9010, 13.3598,
-38.5012

■ 32.6170, 20.8948,
-28.6051

■ 242.4420, 6.1911,
-25.8206

■ 18.2550, 16.6363,
-16.0096

■ 251.4120, 1.7689,
-7.3773

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 120.9400, 27.6376,
-44.6744

■ 120.9400, 27.6376,
-44.6744

■ 111.4490, 32.3166,
-52.1368

■ 130.4310, 22.9585,
-37.2120

■ 102.2570, 36.8483,
-58.9844

■ 139.6230, 18.4269,
-30.3644

■ 93.3530, 41.2380,
-66.9616

■ 148.5270, 14.0372,
-22.3872

■ 84.1610, 45.7696,
-73.8092

■ 158.0180, 9.3581,
-14.9248

■ 167.5090, 4.6791,
-7.4624

■ 176.7010, 0.1474,
-0.6148

■ 185.6050, -4.2423,
7.3624

■ 195.0960, -8.9213,
14.8248

■ 204.2880,
-13.4530, 21.6724

Harmonies

Analogous

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



111.8140, 25.2347, -67.3659



120.9400, 27.6376, -44.6744



128.6170, 24.3458, -15.4501

Triad

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



120.9400, 27.6376, -44.6744



131.6570, -6.2399, 41.5198



123.4870, -15.5231, -14.4591

Complementary

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



120.9400, 27.6376, -44.6744



126.0600, -27.6376, 44.6744

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.



126.3820, -22.8663, 7.5580



120.9400, 27.6376, -44.6744



130.4750, -16.9962, 38.1714

Square

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



120.9400, 27.6376, -44.6744



133.1040, 5.8647, 32.3578



128.9760, -23.6522, 26.3310



119.0740, -2.5015, -37.7759

Rectangle

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



120.9400, 27.6376, -44.6744



131.8860, 19.7762, 3.6080



128.9760, -23.6522, 26.3310



124.6190, -19.0392, -6.6819

Sweetspot

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



120.9400, 27.6376, -44.6744



208.0500, 10.8214, -17.5838



137.2550, -13.9297, -58.9826



101.6550, 6.5791, -10.2214



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.9400, 27.6376, -44.6744



141.6130, 43.5748, -69.8206



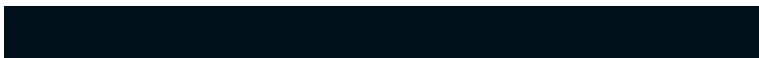
90.4160, 42.6859, -17.9048



84.5480, 2.1948, -3.9886



72.6200, 39.6273, -63.6877



12.3560, 6.7265, -10.8362

Inverse Universe

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



109.5170, 13.0561, 59.1826



123.9740, 20.2258, 92.9848



156.5840, -42.6859, 17.9048



83.3750, 1.2941, 4.9331



56.4630, 18.5057, 84.6629



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 120.9400, 27.6376, -44.6744 looks on a white 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

Black Background



This preview shows how the YUV color 120.9400, 27.6376, -44.6744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

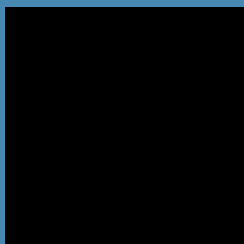
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

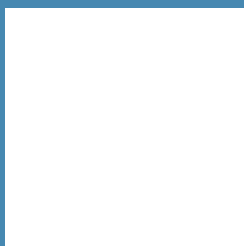
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.9400, 27.6376, -44.6744

Background



This preview shows how black text looks on a background with the YUV color 120.9400, 27.6376, -44.6744.

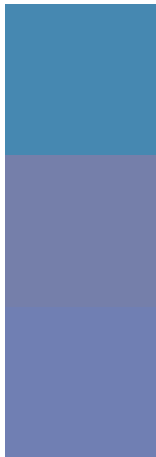


This preview shows how white text looks on a background with the YUV color 120.9400, 27.6376, -44.6744.

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

120.9400, 27.6376, -44.6744

Protanopia

128.9120, 20.2564, -10.4468

Deuteranopia

128.4430, 24.9246, -14.4205



Tritanopia

117.7360, 16.8922, -51.5115

Trichromacy



Original Color

120.9400, 27.6376, -44.6744

Protanomaly

125.9320, 23.2045, -22.7424

Deuteranomaly

125.6050, 25.8307, -25.0866

Tritanomaly

118.7840, 20.8125, -48.9226

Monochromacy



Original Color

120.9400, 27.6376, -44.6744

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.5340, 10.0897, -16.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9400, 27.6376, -44.6744 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(70, 136, 177)` looks like.

```
.text, #text, p{  
    color:rgb(70, 136, 177)  
}
```

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(70, 136, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 136, 177) }
```

Border

The CSS property to change the border of an element to YUV 120.9400, 27.6376, -44.6744 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(70, 136, 177) }
```


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

```
.border{ border-color:rgb(70, 136, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 136, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 136, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 136, 177);  
box-shadow:4px 4px 4px 4px rgb(70, 136,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 120.9400, 27.6376, -44.6744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 136, 177) }
```

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

```
.background{ background-color: rgb(70, 136,  
177) }
```

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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