

Converting Colors

YUV(94.5920, 28.7951,
-42.6152)

Have a look what the booklet for
YUV(94.5920, 28.7951, -42.6152)
contains.

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Color

**YUV(94.5920, 28.7951,
-42.6152)**

Conversions

Conversions Part 1

Format	Color
Hex	2E6C99
RGB	46, 108, 153
RGB Percent	18%, 42%, 60%
CMY	0.8196, 0.5765, 0.4000
CMYK	0.70, 0.29, 0.00, 0.40
HSL	205°, 54%, 39%
HSV	205°, 70%, 60%
XYZ	12.2390, 13.6059, 32.1181
YIQ	94.5920, -51.3970, 0.8510

Conversions

Conversions Part 2

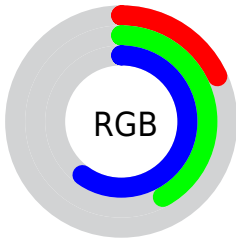
Format	Color
R _Y B	46, 85, 153
Decimal	3042457
CIE Lab	43.66, -4.68, -30.27
CIE LCh	44, 30.629, 261.215
Yxy	13.6059, 0.2112, 0.2347
Android (android.graphics.Color)	4281232537 (0xFF2E6C99)
YUV	94.5920, 28.7951, -42.6152
Hunter-Lab	36.8861, -5.3234, -25.8057

Details

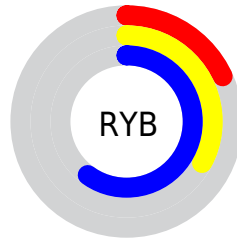
The YUV color **94.5920, 28.7951, -42.6152** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **104.4080, -28.7951, 42.6152**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4400, 29.3631, -38.0969**, and **47.4350, 26.9005, -41.6005** is the 20% darker color. If you saturate the color by 10%, you get **86.5850, 32.7426, -48.7480**, and if you desaturate by 10%, it is **102.5990, 24.8477, -36.4823**.

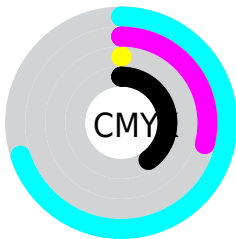
Distribution



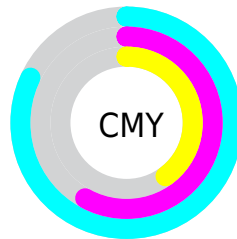
- Red (18%)
- Green (42%)
- Blue (60%)



- Red (18%)
- Yellow (33%)
- Blue (60%)



- Cyan (70%)
- Magenta (29%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.5920, 28.7951, -42.6152 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 94.5920, 28.7951, -42.6152 by changing the saturation by 10% instead.

■ 94.5920, 28.7951,
-42.6152

■ 94.5920, 28.7951,
-42.6152

■ 255.0000, 0.0000,
0.0000

■ 63.7860, 31.1645,
-55.9403

■ 148.4400, 29.3631,
-38.0969

■ 47.4350, 26.9005,
-41.6005

■ 175.8530, 29.6525,
-37.5821

■ 31.6710, 22.3472,
-27.7755

■ 202.8270, 25.7213,
-36.6823

■ 17.3090, 18.0887,
-15.1800

■ 227.6350, 13.4909,
-33.8829

■ 4.9360, 13.8356,
-4.3289

■ 243.9370, 5.4541,
-22.7467

■ 0.5700, 2.1840,
-0.4999

■ 252.9070, 1.0318,

■ 0.0000, 0.0000,

-4.3034

0.0000

■ 94.5920, 28.7951,
-42.6152

■ 94.5920, 28.7951,
-42.6152

■ 86.5850, 32.7426,
-48.7480

■ 102.5990, 24.8477,
-36.4823

■ 77.6920, 37.1268,
-54.9809

■ 111.4920, 20.4634,
-30.2495

■ 69.6850, 41.0743,
-61.1137

■ 119.4990, 16.5160,
-24.1166

■ 128.0930, 12.2792,
-18.4986

■ 136.3990, 8.1843,
-11.7509

■ 144.9930, 3.9475,
-6.1329

■ 153.0000, 0.0000,
0.0000

■ 161.0070, -3.9475,
6.1329

■ 169.9000, -8.3317,
12.3657

Harmonies

Analogous

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



83.1060, 29.0347, -72.8840



94.5920, 28.7951, -42.6152



103.3190, 23.0137, -8.1728

Triad

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



94.5920, 28.7951, -42.6152



104.5600, -9.1501, 41.6049



95.8390, -12.7386, -20.9068

Complementary

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



94.5920, 28.7951, -42.6152



104.4080, -28.7951, 42.6152

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.



99.2780, -21.8291, 1.5102



94.5920, 28.7951, -42.6152



103.2960, -18.8799, 35.6974

Square

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



94.5920, 28.7951, -42.6152



105.4420, 3.2331, 36.4464



101.7150, -24.5095, 21.2979



88.4900, 3.2094, -49.5417

Rectangle

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



94.5920, 28.7951, -42.6152



105.9470, 17.2811, 10.5705



101.7150, -24.5095, 21.2979



96.9710, -16.2547, -13.1296

Sweetspot

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



94.5920, 28.7951, -42.6152



175.8760, 11.4001, -16.5543



113.9390, -11.3089, -59.5825



85.9540, 6.4317, -9.6067



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



94.5920, 28.7951, -42.6152



107.9770, 44.8743, -66.6318



63.4810, 44.1329, -15.3308



72.2600, 2.3368, -2.8590



63.5070, 37.7110, -55.6956



5.5910, 3.6526, -4.9033

Inverse Universe

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



85.0610, 11.3089, 59.5825



92.9910, 17.7524, 92.9699



135.5190, -44.1329, 15.3308



71.8480, 0.5679, 4.5183



51.0940, 14.7437, 77.9706



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 94.5920, 28.7951, -42.6152 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 94.5920, 28.7951, -42.6152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

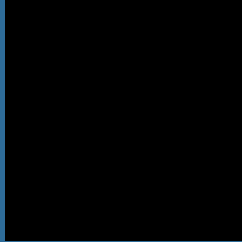
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.5920, 28.7951, -42.6152

Background



This preview shows how black text looks on a background with the YUV color 94.5920, 28.7951, -42.6152.

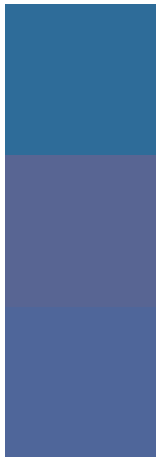


This preview shows how white text looks on a background with the YUV color 94.5920, 28.7951,

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

94.5920, 28.7951, -42.6152

Protanopia

102.3570, 22.0090, -12.5911

Deuteranopia

101.0510, 26.1039, -19.3387



Tritanopia

87.8170, 17.3452, -56.8445

Trichromacy



Original Color

94.5920, 28.7951, -42.6152

Protanomaly

99.8610, 24.2255, -23.5571

Deuteranomaly

98.6370, 27.2940, -27.7456

Tritanomaly

90.2890, 21.5495, -51.9965

Monochromacy



Original Color

94.5920, 28.7951, -42.6152

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9470, 10.3791, -15.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5920, 28.7951, -42.6152 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(46, 108, 153)` looks like.

```
.text, #text, p{  
    color:rgb(46, 108, 153)  
}
```

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(46, 108, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 108, 153) }
```

Border

The CSS property to change the border of an element to YUV 94.5920, 28.7951, -42.6152 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(46, 108, 153) }
```


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

```
.border{ border-color:rgb(46, 108, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 108, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 108, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 108, 153);  
box-shadow:4px 4px 4px 4px rgb(46, 108,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 94.5920, 28.7951, -42.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 108, 153) }
```

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

```
.background{ background-color: rgb(46, 108,  
153) }
```

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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