

Converting Colors

YUV(94.0710, -4.4720, -12.3403)

Have a look what the booklet for
YUV(94.0710, -4.4720, -12.3403)
contains.

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Color

**YUV(94.0710, -4.4720,
-12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	506755
RGB	80, 103, 85
RGB Percent	31%, 40%, 33%
CMY	0.6863, 0.5961, 0.6667
CMYK	0.22, 0.00, 0.17, 0.60
HSL	133°, 13%, 36%
HSV	133°, 22%, 40%
XYZ	9.7982, 12.0618, 10.4061
YIQ	94.0710, -7.9300, -10.4740

Conversions

Conversions Part 2

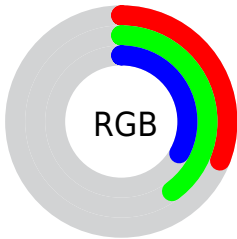
Format	Color
R_YB	80, 99, 103
Decimal	5269333
CIE Lab	41.31, -12.60, 7.38
CIE LCh	41, 14.601, 149.652
Yxy	12.0618, 0.3037, 0.3738
Android (android.graphics.Color)	4283459413 (0xFF506755)
YUV	94.0710, -4.4720, -12.3403
Hunter-Lab	34.7302, -10.4187, 6.5463

Details

The YUV color $[94.0710, -4.4720, -12.3403]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[88.9290, 4.4720, 12.3403]$, and the grayscale version is $[94.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[144.6580, -4.7614, -12.8551]$, and $[47.8970, -3.8932, -11.3107]$ is the 20% darker color. If you saturate the color by 10%, you get $[90.1690, -6.4923, -17.6882]$, and if you desaturate by 10%, it is $[97.9730, -2.4517, -6.9923]$.

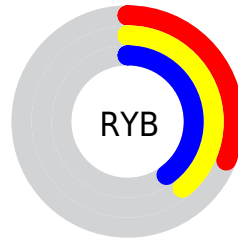
Distribution



Red (31%)

Green (40%)

Blue (33%)



Red (31%)

Yellow (39%)

Blue (40%)

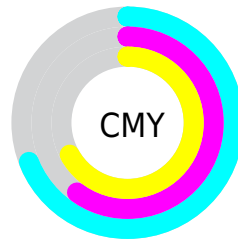


Cyan (22%)

Magenta (0%)

Yellow (17%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0710, -4.4720, -12.3403 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 94.0710, -4.4720, -12.3403 by changing the saturation by 10% instead.

■ 94.0710, -4.4720,
-12.3403

■ 94.0710, -4.4720,
-12.3403

255.0000, 0.0000,
0.0000

■ 70.4840, -4.1826,
-11.8255

■ 144.6580, -4.7614,
-12.8551

■ 47.8970, -3.8932,
-11.3107

■ 171.2450, -5.0508,
-13.3699

■ 26.4240, -3.1670,
-10.8958

■ 198.8320, -5.3402,
-13.8847

■ 5.2830, -2.6045,
-4.6332

■ 226.5330, -5.1928,
-14.4994

■ 0.0000, 0.0000,
0.0000

■ 248.9620, -2.4463,
-8.7367

■ 94.0710, -4.4720,
-12.3403

■ 94.0710, -4.4720,
-12.3403

■ 90.1690, -6.4923,
-17.6882

■ 97.9730, -2.4517,
-6.9923

■ 85.9680, -8.3652,
-23.6509

■ 102.1740, -0.5788,
-1.0296

■ 82.0660, -10.3855,
-28.9989

■ 106.0760, 1.4415,
4.3183

■ 78.1640, -12.4059,
-34.3468

■ 109.9780, 3.4618,
9.6663

■ 73.9630, -14.2788,
-40.3096

■ 114.1790, 5.3348,
15.6290

■ 70.0610, -16.2991,
-45.6575

■ 118.0810, 7.3551,
20.9770

■ 66.1590, -18.3194,
-51.0054

■ 121.9830, 9.3754,
26.3249

■ 62.9690, -20.1977,

■ 125.8850, 11.3957,

-55.2238

31.6729

■ 130.2000, 13.7054,
37.5356

Harmonies

Analogous

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



95.4700, -9.5987, -1.2892



94.0710, -4.4720, -12.3403



92.7370, 2.1017, -20.8173

Triad

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



94.0710, -4.4720, -12.3403



96.7240, 11.9681, -12.0359



99.1120, -6.4642, 20.0728

Complementary

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



94.0710, -4.4720, -12.3403



88.9290, 4.4720, 12.3403

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.



99.5940, -0.7858, 18.7731



94.0710, -4.4720, -12.3403



98.2310, 9.7461, 0.6744

Square

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



94.0710, -4.4720, -12.3403



93.9570, 11.8532, -21.8873



99.7440, 5.0562, 11.6255



98.3520, -10.5265, 16.3543

Rectangle

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



94.0710, -4.4720, -12.3403



92.1540, 6.3331, -24.6911



99.7440, 5.0562, 11.6255



98.9810, -4.4276, 20.1877

Sweetspot

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



94.0710, -4.4720, -12.3403



131.5110, -1.7309, -4.8331



98.8830, -9.3093, -0.7744



66.7500, -0.8628, -3.2887



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



94.0710, -4.4720, -12.3403



121.0440, -6.9237, -19.3326



95.3250, 0.3328, -13.4400



49.0490, -1.0102, -2.6740



70.3550, -22.3600, -61.7013



148.0960, -46.8823, -129.8802

Inverse Universe

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



88.9290, 4.4720, 12.3403



112.9560, 6.9237, 19.3326



87.6750, -0.3328, 13.4400



47.9510, 1.0102, 2.6740



44.6450, 22.3600, 61.7013



94.0180, 47.3191, 129.7802

Previews

White Background



This preview shows how the YUV color 94.0710, -4.4720, -12.3403 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 94.0710, -4.4720, -12.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

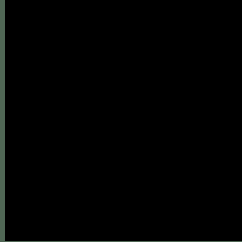
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0710, -4.4720, -12.3403

Background



This preview shows how black text looks on a background with the YUV color 94.0710, -4.4720, -12.3403.



This preview shows how white text looks on a background with the YUV color 94.0710, -4.4720, -12.3403.

-12.3403.

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

94.0710, -4.4720, -12.3403

Protanopia

96.7850, -7.2890, 4.5736

Deuteranopia

97.9860, -5.4161, 10.5363



Tritanopia

96.1280, 5.8529, -10.6363

Trichromacy



Original Color

94.0710, -4.4720, -12.3403

Protanomaly

95.6810, -6.2517, -1.4742

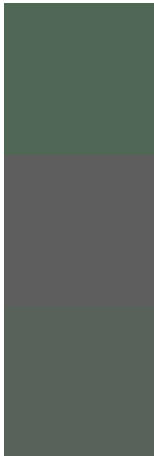
Deuteranomaly

96.3440, -5.0996, 2.3293

Tritanomaly

95.5040, 2.2165, -10.9660

Monochromacy



Original Color

94.0710, -4.4720, -12.3403

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0710, -4.4720, -12.3403 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(80, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(80, 103, 85)  
}
```

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(80, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 103, 85) }
```

Border

The CSS property to change the border of an element to YUV 94.0710, -4.4720, -12.3403 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(80, 103, 85) }
```


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

```
.border{ border-color:rgb(80, 103, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 103, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(80, 103,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 94.0710, -4.4720, -12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 103, 85) }
```

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

```
.background{ background-color: rgb(80, 103,  
85) }
```

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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