

Converting Colors

YUV(96.0280, -9.3808, -24.5806)

Have a look what the booklet for
YUV(96.0280, -9.3808, -24.5806)
contains.

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Color

**YUV(96.0280, -9.3808,
-24.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	44724D
RGB	68, 114, 77
RGB Percent	27%, 45%, 30%
CMY	0.7333, 0.5529, 0.6980
CMYK	0.40, 0.00, 0.32, 0.55
HSL	132°, 25%, 36%
HSV	132°, 40%, 45%
XYZ	9.7408, 13.7994, 9.1713
YIQ	96.0280, -15.5390, -21.2590

Conversions

Conversions Part 2

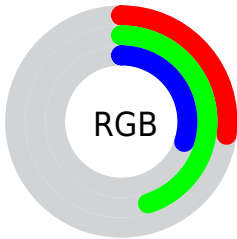
Format	Color
R_{YB}	68, 106, 114
Decimal	4485709
CIE _{Lab}	43.94, -24.39, 15.68
CIE _{LCh}	44, 28.999, 147.266
Yxy	13.7994, 0.2978, 0.4219
Android (android.graphics.Color)	4282675789 (0xFF44724D)
YUV	96.0280, -9.3808, -24.5806
Hunter-Lab	37.1475, -18.2022, 11.3652

Details

The YUV color **96.0280, -9.3808, -24.5806** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **85.9720, 9.3808, 24.5806**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0880, -10.3964, -25.5102**, and **47.4840, -7.6336, -24.9805** is the 20% darker color. If you saturate the color by 10%, you get **91.7130, -11.6905, -30.4433**, and if you desaturate by 10%, it is **100.3430, -7.0711, -18.7178**.

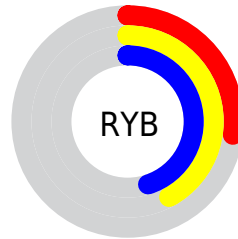
Distribution



Red (27%)

Green (45%)

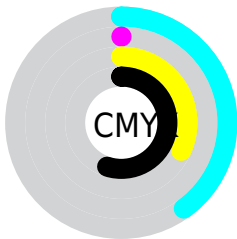
Blue (30%)



Red (27%)

Yellow (42%)

Blue (45%)

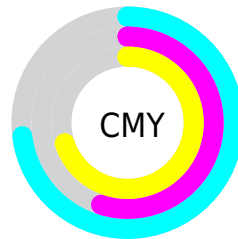


Cyan (40%)

Magenta (0%)

Yellow (32%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.0280, -9.3808, -24.5806 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 96.0280, -9.3808, -24.5806 by changing the saturation by 10% instead.

■ 96.0280, -9.3808,
-24.5806

■ 96.0280, -9.3808,
-24.5806

255.0000, 0.0000,
0.0000

■ 71.5550, -8.6546,
-24.1657

■ 147.0880,
-10.3964, -25.5102

■ 47.4840, -7.6336,
-24.9805

■ 174.5610,
-11.1226, -25.9250

■ 26.3810, -8.0758,
-23.1361

■ 202.1480,
-11.4120, -26.4398

■ 12.9140, -6.3666,
-11.3256

■ 229.8490,
-11.2646, -27.0546

■ 0.0000, 0.0000,
0.0000

■ 244.6470, -4.7560,
-14.5994

■ 96.0280, -9.3808,
-24.5806

■ 96.0280, -9.3808,
-24.5806

■ 91.7130, -11.6905,
-30.4433

■ 100.3430, -7.0711,
-18.7178

■ 87.0990, -13.8528,
-36.9208

■ 104.9570, -4.9088,
-12.2403

■ 82.6700, -16.5993,
-42.6836

■ 109.3860, -2.1623,
-6.4775

■ 78.0560, -18.7616,
-49.1611

■ 114.0000, 0.0000,
0.0000

■ 73.7410, -21.0713,
-55.0239

■ 118.3150, 2.3097,
5.8627

■ 69.4260, -23.3810,
-60.8866

■ 122.6300, 4.6194,
11.7255

■ 127.2440, 6.7817,
18.2030

■ 131.5590, 9.0914,

24.0658

■ 136.2870, 11.6905,
30.4433

Harmonies

Analogous

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



99.8260, -19.6342, -2.4784



96.0280, -9.3808, -24.5806



88.8750, 5.9776, -50.7564

Triad

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



96.0280, -9.3808, -24.5806



98.6750, 26.2892, -32.1640



104.7940, -10.7444, 39.6457

Complementary

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



96.0280, -9.3808, -24.5806



85.9720, 9.3808, 24.5806

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.



106.3450, 0.3229, 36.5314



96.0280, -9.3808, -24.5806



105.0810, 20.6661, -1.8250

Square

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



96.0280, -9.3808, -24.5806



82.7470, 30.1977, -72.5691



107.1180, 11.2808, 21.8215



103.7470, -19.5953, 31.7939

Rectangle

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



96.0280, -9.3808, -24.5806



82.0170, 17.2466, -71.9289



107.1180, 11.2808, 21.8215



105.1190, -6.9607, 39.3606

Sweetspot

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



96.0280, -9.3808, -24.5806



141.0220, -3.4618, -9.6663



106.3640, -18.9135, -0.3192



70.0980, -2.0203, -5.3479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



96.0280, -9.3808, -24.5806



120.2730, -14.4316, -37.9504



98.5360, 0.2288, -26.7801



53.7500, -0.8628, -3.2887



73.0620, -24.6806, -64.0754



150.4610, -50.5133, -131.9543

Inverse Universe

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



85.9720, 9.3808, 24.5806



104.7270, 14.4316, 37.9504



83.4640, -0.2288, 26.7801



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.5390, 50.5133, 131.9543

Previews

White Background



This preview shows how the YUV color 96.0280, -9.3808, -24.5806 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 96.0280, -9.3808, -24.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

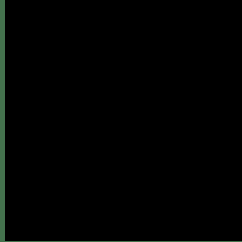
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.0280, -9.3808, -24.5806

Background



This preview shows how black text looks on a background with the YUV color 96.0280, -9.3808, -24.5806.



This preview shows how white text looks on a background with the YUV color 96.0280, -9.3808, -24.5806.

-24.5806.

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

96.0280, -9.3808, -24.5806

Protanopia

102.1570, -14.8674, 8.6323

Deuteranopia

103.4120, -11.5421, 15.4247



Tritanopia

100.4580, 8.6482, -20.5727

Trichromacy



Original Color

96.0280, -9.3808, -24.5806

Protanomaly

99.9490, -12.7929, -3.4633

Deuteranomaly

100.5520, -10.6251, 1.2699

Tritanomaly

99.0250, 1.9597, -21.9469

Monochromacy



Original Color

96.0280, -9.3808, -24.5806

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.3210, -3.6093, -9.0515

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.0280, -9.3808, -24.5806 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(68, 114, 77)` looks like.

```
.text, #text, p{  
    color:rgb(68, 114, 77)  
}
```

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(68, 114, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 114, 77) }
```

Border

The CSS property to change the border of an element to YUV 96.0280, -9.3808, -24.5806 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(68, 114, 77) }
```


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

```
.border{ border-color:rgb(68, 114, 77) }
```

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

Here you see how a box with a 4 pixel rgb(68, 114, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 114, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 114, 77);  
box-shadow:4px 4px 4px 4px rgb(68, 114,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 96.0280, -9.3808, -24.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 114, 77) }
```

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

```
.background{ background-color: rgb(68, 114,  
77) }
```

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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