

Converting Colors

YUV(90.9940, -24.6470,
-28.0587)

Have a look what the booklet for
YUV(90.9940, -24.6470, -28.0587)
contains.

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Color

**YUV(90.9940, -24.6470,
-28.0587)**

Conversions

Conversions Part 1

Format	Color
Hex	3B7529
RGB	59, 117, 41
RGB Percent	23%, 46%, 16%
CMY	0.7686, 0.5412, 0.8392
CMYK	0.50, 0.00, 0.65, 0.54
HSL	106°, 48%, 31%
HSV	106°, 65%, 46%
XYZ	8.5652, 13.8125, 4.3125
YIQ	90.9940, -10.1720, -35.9320

Conversions

Conversions Part 2

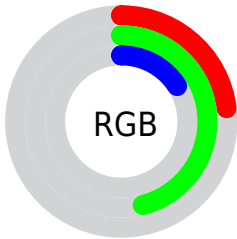
Format	Color
R_{YB}	41, 117, 99
Decimal	3896617
CIE _{Lab}	43.96, -34.29, 35.21
CIE _{LCh}	44, 49.152, 134.245
Yxy	13.8125, 0.3209, 0.5175
Android (android.graphics.Color)	4282086697 (0xFF3B7529)
YUV	90.9940, -24.6470, -28.0587
Hunter-Lab	37.1651, -23.9015, 19.1359

Details

The YUV color **90.9940, -24.6470, -28.0587** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **67.0060, 24.6470, 28.0587**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2390, -26.2468, -28.2736**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **86.9350, -28.5620, -32.3920**, and if you desaturate by 10%, it is **95.0530, -20.7321, -23.7255**.

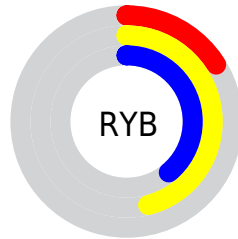
Distribution



Red (23%)

Green (46%)

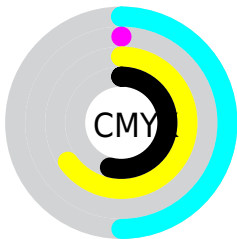
Blue (16%)



Red (16%)

Yellow (46%)

Blue (39%)

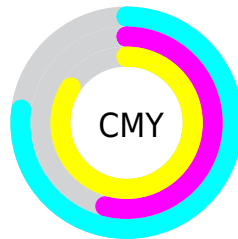


Cyan (50%)

Magenta (0%)

Yellow (65%)

Black (54%)



Cyan (77%)

Magenta (54%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9940, -24.6470, -28.0587 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 90.9940, -24.6470, -28.0587 by changing the saturation by 10% instead.

90.9940, -24.6470,
-28.0587

90.9940, -24.6470,
-28.0587

255.0000, 0.0000,
0.0000

65.3960, -24.3522,
-29.2883

143.2390,
-26.2468, -28.2736

39.9160, -19.6786,
-35.0063

170.0110,
-27.1204, -28.0736

26.4150, -13.0226,
-23.1660

197.4840,
-27.8466, -28.4885

12.9140, -6.3666,
-11.3256

225.9570,
-28.5728, -28.9033

0.0000, 0.0000,
0.0000

238.4070,
-20.9067, -14.3889

250.2700,

-12.9511, 0.6402

254.7720, -0.8736,
0.2000

■ 90.9940, -24.6470,
-28.0587

■ 90.9940, -24.6470,
-28.0587

■ 86.9350, -28.5620,
-32.3920

■ 95.0530, -20.7321,
-23.7255

■ 82.9900, -32.0401,
-36.8252

■ 98.9980, -17.2540,
-19.2922

■ 78.9310, -35.9550,
-41.1585

■ 103.0570,
-13.3391, -14.9590

■ 77.0510, -37.9861,
-43.0177

■ 107.1160, -9.4242,
-10.6257

■ 111.1750, -5.5093,
-6.2925

■ 115.1200, -2.0312,
-1.8592

■ 119.1790, 1.8838,
2.4740

■ 122.9390, 5.9461,
6.1925

■ 126.8840, 9.4242,
10.6257

Harmonies

Analogous

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



96.2300, -42.5114, 8.5683



90.9940, -24.6470, -28.0587



80.7340, -0.3619, -70.8037

Triad

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



90.9940, -24.6470, -28.0587



88.2530, 46.2173, -77.3979



101.1810, -7.4842, 67.3703

Complementary

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



90.9940, -24.6470, -28.0587



67.0060, 24.6470, 28.0587

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.



104.3270, 11.1778, 54.9642



90.9940, -24.6470, -28.0587



98.0780, 41.8665, -35.1484

Square

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



90.9940, -24.6470, -28.0587



89.2670, 34.8714, -78.2872



107.0590, 27.5789, 20.9963



100.9030, -26.0812, 58.8441

Rectangle

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



90.9940, -24.6470, -28.0587



84.6270, 12.0159, -74.2179



107.0590, 27.5789, 20.9963



101.5920, -0.7849, 65.2558

Sweetspot

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



90.9940, -24.6470, -28.0587



143.1160, -9.4242, -10.6257



97.1830, -27.6982, 17.3795



70.7620, -5.7987, -6.8073



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



90.9940, -24.6470, -28.0587



112.2250, -38.5649, -44.0473



87.7780, -13.6946, -41.0243



56.8210, -1.8838, -2.4740



80.2850, -39.5805, -44.9769



164.3910, -81.0448, -92.4279

Inverse Universe

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



67.0060, 24.6470, 28.0587



74.7750, 38.5649, 44.0473



70.2220, 13.6946, 41.0243



54.8800, 2.0312, 1.8592



41.7150, 39.5805, 44.9769



85.6090, 81.0448, 92.4279

Previews

White Background



This preview shows how the YUV color 90.9940, -24.6470, -28.0587 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 90.9940, -24.6470, -28.0587 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 90.9940, -24.6470, -28.0587

Background



This preview shows how black text looks on a background with the YUV color 90.9940, -24.6470, -28.0587.



This preview shows how white text looks on a background with the YUV color 90.9940, -24.6470,

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

90.9940, -24.6470, -28.0587

Protanopia

99.9500, -31.0343, 14.0758

Deuteranopia

101.1560, -26.6989, 23.5422



Tritanopia

99.2620, 9.2378, -23.0318

Trichromacy



Original Color

90.9940, -24.6470, -28.0587

Protanomaly

96.7200, -28.9490, -1.5084

Deuteranomaly

97.5620, -25.9131, 4.7691

Tritanomaly

96.3360, -3.1236, -24.8507

Monochromacy



Original Color

90.9940, -24.6470, -28.0587

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.6430, -8.6980, -10.2109

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9940, -24.6470, -28.0587 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(59, 117, 41)` looks like.

```
.text, #text, p{  
    color:rgb(59, 117, 41)  
}
```

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(59, 117, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 117, 41) }
```

Border

The CSS property to change the border of an element to YUV 90.9940, -24.6470, -28.0587 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(59, 117, 41) }
```


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

```
.border{ border-color:rgb(59, 117, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 117, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 117, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 117, 41);  
box-shadow:4px 4px 4px 4px rgb(59, 117,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 90.9940, -24.6470, -28.0587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 117, 41) }
```

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

```
.background{ background-color: rgb(59, 117,  
41) }
```

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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