

Converting Colors

YUV(107.6540, -24.9724,
76.6024)

Have a look what the booklet for
YUV(107.6540, -24.9724, 76.6024)
contains.

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Color

**YUV(107.6540, -24.9724,
76.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	C34939
RGB	195, 73, 57
RGB Percent	76%, 29%, 22%
CMY	0.2353, 0.7137, 0.7765
CMYK	0.00, 0.63, 0.71, 0.24
HSL	7°, 55%, 49%
HSV	7°, 71%, 76%
XYZ	25.6267, 16.6626, 5.7364
YIQ	107.6540, 77.8480, 20.8880

Conversions

Conversions Part 2

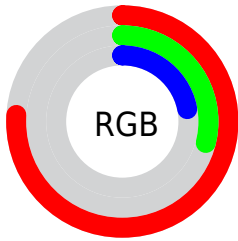
Format	Color
R_{YB}	195, 75, 57
Decimal	12798265
CIE Lab	47.83, 47.88, 35.08
CIE LCh	48, 59.352, 36.230
Yxy	16.6626, 0.5336, 0.3470
Android (android.graphics.Color)	4290988345 (0xFFC34939)
YUV	107.6540, -24.9724, 76.6024
Hunter-Lab	40.8198, 40.6278, 20.2419

Details

The YUV color **107.6540, -24.9724, 76.6024** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **144.3460, 24.9724, -76.6024**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7640, -28.4777, 80.8910**, and **48.5920, -17.5469, 74.9028** is the 20% darker color. If you saturate the color by 10%, you get **95.3950, -28.7887, 87.3536**, and if you desaturate by 10%, it is **119.7990, -21.5929, 65.9513**.

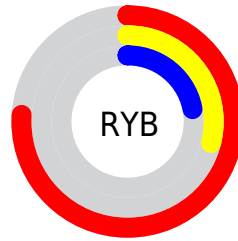
Distribution



Red (76%)

Green (29%)

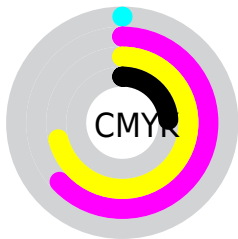
Blue (22%)



Red (76%)

Yellow (29%)

Blue (22%)

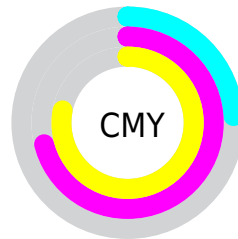


Cyan (0%)

Magenta (63%)

Yellow (71%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.6540, -24.9724, 76.6024 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 107.6540, -24.9724, 76.6024 by changing the saturation by 10% instead.

■ 107.6540,
-24.9724, 76.6024

■ 107.6540,
-24.9724, 76.6024

■ 255.0000, 0.0000,
0.0000

■ 80.0280, -22.1988,
73.6434

■ 162.7640,
-28.4777, 80.8910

■ 48.5920, -17.5469,
74.9028

■ 181.4630,
-25.3713, 64.4919

■ 31.3950, -15.4777,
64.5516

■ 200.8630,
-22.1175, 47.4781

■ 22.4250, -11.0555,
46.1083

■ 220.3770,
-18.4269, 30.3644

■ 14.8790, -6.3493,
29.9241

■ 240.5920,
-14.5889, 12.6358

■ 0.0000, 0.0000,
0.0000

■ 253.2900, -6.5520,

1.4997

■ 107.6540,
-24.9724, 76.6024

■ 107.6540,
-24.9724, 76.6024

■ 95.3950, -28.7887,
87.3536

■ 119.7990,
-21.5929, 65.9513

■ 83.2500, -32.1683,
98.0048

■ 132.0580,
-17.7766, 55.2001

■ 71.8060, -35.4004,
108.0411

■ 144.7900,
-14.6865, 44.0342

■ 157.0490,
-10.8702, 33.2830

■ 169.3080, -7.0538,
22.5319

■ 181.4530, -3.6743,
11.8807

■ 194.1850, -0.5842,
0.7148

■ 206.4440, 3.2321,
-10.0364

■ 218.5890, 6.6116,
-20.6876

Harmonies

Analogous

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



107.0010, -0.9865, 83.3141



107.6540, -24.9724, 76.6024



107.3820, -49.4883, 53.1620

Triad

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



107.6540, -24.9724, 76.6024



86.7520, -7.7657, -76.0815



92.4880, 59.9054, -81.1120

Complementary

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



107.6540, -24.9724, 76.6024



144.3460, 24.9724, -76.6024

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.



99.0930, 52.2122, -86.9046



107.6540, -24.9724, 76.6024



93.8540, 14.3690, -82.3100

Square

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



107.6540, -24.9724, 76.6024



98.8410, -39.3616, -21.7856



98.8530, 36.0615, -86.6941



115.9680, 38.9628, 9.6751

Rectangle

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



107.6540, -24.9724, 76.6024



106.4410, -52.4754, 31.1852



98.8530, 36.0615, -86.6941



96.0100, 58.1691, -84.2008

Sweetspot

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



107.6540, -24.9724, 76.6024



218.9560, -9.8383, 28.9796



112.3980, 33.8208, 72.4420



107.3290, -5.5852, 18.1285



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



107.6540, -24.9724, 76.6024



116.6610, -38.7799, 118.6923



146.9830, -44.3616, 42.1109



90.5770, -1.7635, 5.6330



59.2920, -29.2310, 89.1979



12.2150, -6.0220, 18.2284

Inverse Universe

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



144.3460, 24.9724, -76.6024



173.9260, 38.4905, -119.2071



105.0170, 44.3616, -42.1109



93.4230, 1.7635, -5.6330



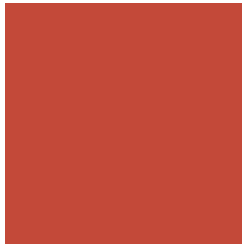
101.7080, 29.2310, -89.1979



20.7850, 6.0220, -18.2284

Previews

White Background



This preview shows how the YUV color 107.6540, -24.9724, 76.6024 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 107.6540, -24.9724, 76.6024 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 107.6540, -24.9724, 76.6024 Background



This preview shows how black text looks on a background with the YUV color 107.6540, -24.9724, 76.6024.



This preview shows how white text looks on a background with the YUV color 107.6540, -24.9724,

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

107.6540, -24.9724, 76.6024

Protanopia

112.3870, -20.4038, 11.0616

Deuteranopia

111.8420, -30.4881, 25.5716



Tritanopia

108.8310, -16.6787, 76.4472

Trichromacy



Original Color

107.6540, -24.9724, 76.6024

Protanomaly

110.4870, -21.9321, 34.6529

Deuteranomaly

110.5330, -28.3638, 44.2596

Tritanomaly

108.6200, -20.0257, 76.6323

Monochromacy



Original Color

107.6540, -24.9724, 76.6024

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.7710, -9.2541, 28.2648

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.6540, -24.9724, 76.6024 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(195, 73, 57)` looks like.

```
.text, #text, p{  
    color:rgb(195, 73, 57)  
}
```

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(195, 73, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 73, 57) }
```

Border

The CSS property to change the border of an element to YUV 107.6540, -24.9724, 76.6024 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(195, 73, 57) }
```


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

```
.border{ border-color:rgb(195, 73, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 73, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 73, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 73, 57);  
box-shadow:4px 4px 4px 4px rgb(195, 73,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 107.6540, -24.9724, 76.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 73, 57) }
```

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

```
.background{ background-color: rgb(195, 73,  
57) }
```

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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