

Converting Colors

YUV(95.2040, 24.0564,
-15.9649)

Have a look what the booklet for
YUV(95.2040, 24.0564, -15.9649)
contains.

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Color

**YUV(95.2040, 24.0564,
-15.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5F90
RGB	77, 95, 144
RGB Percent	30%, 37%, 56%
CMY	0.6980, 0.6275, 0.4353
CMYK	0.47, 0.34, 0.00, 0.44
HSL	224°, 30%, 43%
HSV	224°, 47%, 56%
XYZ	12.1868, 11.7758, 28.0162
YIQ	95.2040, -26.4570, 11.4230

Conversions

Conversions Part 2

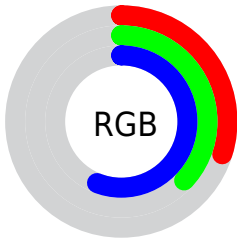
Format	Color
RYB	77, 91, 144
Decimal	5070736
CIELab	40.86, 7.05, -29.18
CIELCh	41, 30.017, 283.588
Yxy	11.7758, 0.2345, 0.2266
Android (android.graphics.Color)	4283260816 (0xFF4D5F90)
YUV	95.2040, 24.0564, -15.9649
Hunter-Lab	34.3159, 3.3390, -24.3844

Details

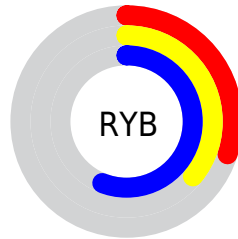
The YUV color **95.2040, 24.0564, -15.9649** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **125.7960, -24.0564, 15.9649**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2580, 25.5088, -15.1353**, and **46.5410, 22.9043, -19.7685** is the 20% darker color. If you saturate the color by 10%, you get **84.5610, 29.3034, -18.9090**, and if you desaturate by 10%, it is **105.8470, 18.8094, -13.0208**.

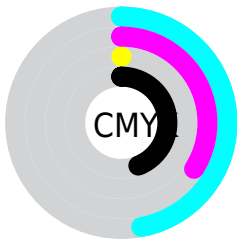
Distribution



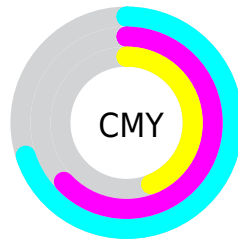
- Red (30%)
- Green (37%)
- Blue (56%)



- Red (30%)
- Yellow (36%)
- Blue (56%)



- Cyan (47%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)



- Cyan (70%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2040, 24.0564, -15.9649 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 95.2040, 24.0564, -15.9649 by changing the saturation by 10% instead.

■ 95.2040, 24.0564,
-15.9649

■ 95.2040, 24.0564,
-15.9649

■ 255.0000, 0.0000,
0.0000

■ 70.3780, 23.4776,
-16.9945

■ 146.2580, 25.5088,
-15.1353

■ 46.5410, 22.9043,
-19.7685

■ 173.3720, 25.9456,
-15.2352

■ 24.8890, 21.7467,
-21.8277

■ 200.8990, 26.6718,
-14.8204

■ 5.9450, 20.2401,
-5.2138

■ 225.7070, 14.4414,
-12.0210

■ 3.4370, 10.6306,
-3.0142

■ 250.8140, 2.0637,
-8.6069

■ 0.0000, 0.0000,
0.0000

■ 95.2040, 24.0564,
-15.9649

■ 95.2040, 24.0564,
-15.9649

■ 84.5610, 29.3034,
-18.9090

■ 105.8470, 18.8094,
-13.0208

■ 74.2060, 34.4084,
-22.9827

■ 116.2020, 13.7044,
-8.9472

■ 63.5630, 39.6554,
-25.9268

■ 126.8450, 8.4574,
-6.0031

■ 53.2080, 44.7605,
-30.0004

■ 137.2000, 3.3524,
-1.9294

■ 42.5650, 50.0075,
-32.9445

■ 147.8430, -1.8946,
1.0147


■ 39.3090, 51.6127,
-34.4740

■ 157.8990, -6.8522,
4.4736

■ 168.8410,
-12.2466, 8.0324

■ 178.8970,

-17.2042, 11.4913

 189.8390,
-22.5986, 15.0502

Harmonies

Analogous

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



82.7430, 29.7067, -55.0256



95.2040, 24.0564, -15.9649



99.3170, 16.1127, 12.0000

Triad

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



95.2040, 24.0564, -15.9649



96.6920, -16.1172, 36.2271



84.1060, -1.0383, -40.4350

Complementary

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



95.2040, 24.0564, -15.9649



125.7960, -24.0564, 15.9649

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.



90.3020, -14.9389, -15.1739



95.2040, 24.0564, -15.9649



95.1930, -22.7731, 24.3867

Square

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



95.2040, 24.0564, -15.9649



97.1730, -5.5083, 40.1903



93.0830, -22.7189, 6.9432



76.1810, 15.1938, -66.8107

Rectangle

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



95.2040, 24.0564, -15.9649



99.0970, 9.8122, 26.2249



93.0830, -22.7189, 6.9432



86.7930, -6.3069, -30.5135

Sweetspot

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



95.2040, 24.0564, -15.9649



167.0730, 9.3310, -6.2030



121.8010, 1.5771, -39.2905



82.7590, 5.5418, -4.1736



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



95.2040, 24.0564, -15.9649



110.2920, 37.3240, -24.8121



89.1230, 27.0544, 2.5231



65.9720, 2.4788, -1.7294



36.5220, 48.5497, -32.0298



2.0860, 2.9156, -1.8294

Inverse Universe

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



99.0850, -2.0139, 39.3905



116.2880, -3.1000, 61.1374



131.8770, -27.0544, -2.5231



66.3210, -0.1583, 4.1035



44.4690, -4.1752, 79.3957



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 95.2040, 24.0564, -15.9649 looks on a white background.

Color Contrast Check

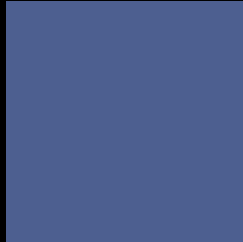
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.2040, 24.0564, -15.9649 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

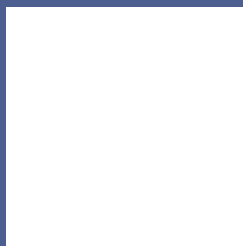
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.2040, 24.0564, -15.9649

Background



This preview shows how black text looks on a background with the YUV color 95.2040, 24.0564, -15.9649.



This preview shows how white text looks on a background with the YUV color 95.2040, 24.0564,

-15.9649.

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

95.2040, 24.0564, -15.9649

Protanopia

95.2150, 24.0510, -14.2206

Deuteranopia

94.8940, 24.2093, -18.3240



Tritanopia

92.4470, 8.6536, -22.3170

Trichromacy



Original Color

95.2040, 24.0564, -15.9649

Protanomaly

94.9160, 24.1984, -14.8353

Deuteranomaly

95.1930, 24.0619, -17.7093

Tritanomaly

93.2500, 14.1738, -19.5132

Monochromacy



Original Color

95.2040, 24.0564, -15.9649

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9590, 8.8942, -6.1030

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2040, 24.0564, -15.9649 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(77, 95, 144)` looks like.

```
.text, #text, p{  
    color:rgb(77, 95, 144)  
}
```

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(77, 95, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 95, 144) }
```

Border

The CSS property to change the border of an element to YUV 95.2040, 24.0564, -15.9649 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(77, 95, 144) }
```


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

```
.border{ border-color:rgb(77, 95, 144) }
```

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

Here you see how a box with a 4 pixel rgb(77, 95, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 95, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 95, 144);  
box-shadow:4px 4px 4px 4px rgb(77, 95,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 95.2040, 24.0564, -15.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 95, 144) }
```

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

```
.background{ background-color: rgb(77, 95,  
144) }
```

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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