

Converting Colors

YUV(93.5840, 24.3621,
-20.6832)

Have a look what the booklet for
YUV(93.5840, 24.3621, -20.6832)
contains.

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Color

**YUV(93.5840, 24.3621,
-20.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	46608F
RGB	70, 96, 143
RGB Percent	27%, 38%, 56%
CMY	0.7255, 0.6235, 0.4392
CMYK	0.51, 0.33, 0.00, 0.44
HSL	219°, 34%, 42%
HSV	219°, 51%, 56%
XYZ	11.6666, 11.6510, 27.6206
YIQ	93.5840, -30.5830, 9.1050

Conversions

Conversions Part 2

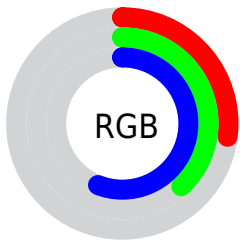
Format	Color
R_{YB}	70, 89, 143
Decimal	4612239
CIE _{Lab}	40.66, 4.28, -28.92
CIE _{LCh}	41, 29.238, 278.419
Yxy	11.6510, 0.2290, 0.2287
Android (android.graphics.Color)	4282802319 (0xFF46608F)
YUV	93.5840, 24.3621, -20.6832
Hunter-Lab	34.1336, 1.2762, -24.0834

Details

The YUV color **93.5840, 24.3621, -20.6832** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **119.4160, -24.3621, 20.6832**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9370, 25.6671, -19.2387**, and **43.4260, 23.9470, -27.5606** is the 20% darker color. If you saturate the color by 10%, you get **84.1150, 29.0303, -24.6569**, and if you desaturate by 10%, it is **103.0530, 19.6939, -16.7095**.

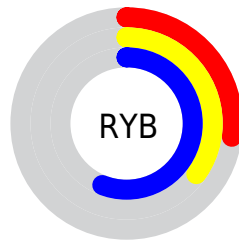
Distribution



Red (27%)

Green (38%)

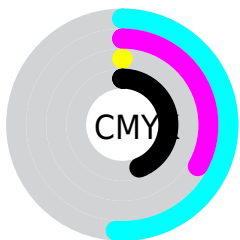
Blue (56%)



Red (27%)

Yellow (35%)

Blue (56%)

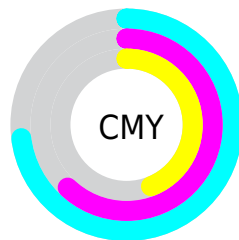


Cyan (51%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.5840, 24.3621, -20.6832 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 93.5840, 24.3621, -20.6832 by changing the saturation by 10% instead.

■ 93.5840, 24.3621,
-20.6832

■ 93.5840, 24.3621,
-20.6832

■ 255.0000, 0.0000,
0.0000

■ 68.7580, 23.7833,
-21.7128

■ 144.9370, 25.6671,
-19.2387

■ 43.4260, 23.9470,
-27.5606

■ 172.0510, 26.1039,
-19.3387

■ 25.3620, 21.0205,
-22.2425

■ 199.2790, 26.9775,
-19.5387

■ 7.0050, 19.2245,
-6.1434

■ 224.2010, 15.1839,
-16.8393

■ 3.4370, 10.6306,
-3.0142

■ 248.7210, 3.0955,
-12.9103

■ 0.0000, 0.0000,
0.0000

■ 93.5840, 24.3621,
-20.6832

■ 93.5840, 24.3621,
-20.6832

■ 84.1150, 29.0303,
-24.6569

■ 103.0530, 19.6939,
-16.7095

■ 74.3470, 33.8459,
-29.2453

■ 112.8210, 14.8782,
-12.1210

■ 64.2910, 38.8035,
-32.7042

■ 122.8770, 9.9206,
-8.6621

■ 54.8220, 43.4718,
-36.6779

■ 132.3460, 5.2524,
-4.6884

■ 46.2390, 47.7032,
-40.5516


■ 142.1140, 0.4368,
-0.1000

■ 151.5830, -4.2314,
3.8737

■ 161.0520, -8.8996,
7.8474

■ 171.1080,

-13.8572, 11.3063

 180.8760,
-18.6729, 15.8947

Harmonies

Analogous

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



78.8130, 30.1652, -62.1030



93.5840, 24.3621, -20.6832



98.2240, 17.1446, 7.6966

Triad

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



93.5840, 24.3621, -20.6832



96.1590, -14.3754, 37.5716



85.6400, -4.2595, -33.8873

Complementary

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



93.5840, 24.3621, -20.6832



119.4160, -24.3621, 20.6832

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.



90.2810, -16.4075, -10.7704



93.5840, 24.3621, -20.6832



94.8450, -21.6156, 26.4459

Square

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



93.5840, 24.3621, -20.6832



97.0310, -3.4663, 38.5608



93.3930, -22.8717, 9.3023



75.0240, 13.2992, -65.7960

Rectangle

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



93.5840, 24.3621, -20.6832



98.4170, 11.1334, 22.4363



93.3930, -22.8717, 9.3023



87.5440, -8.6492, -25.9101

Sweetspot

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



93.5840, 24.3621, -20.6832



167.0620, 9.3364, -7.9474



118.0950, -1.0328, -42.1793



82.4600, 5.6892, -4.7884



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.



93.5840, 24.3621, -20.6832



109.3620, 37.7825, -31.8895



81.3120, 30.4122, -1.1506



66.5590, 2.1894, -2.2442



43.5660, 45.0770, -38.2074



2.6730, 2.6262, -2.3442

Inverse Universe

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



94.7910, 0.5960, 42.2793



111.3470, 0.8149, 65.4707



131.6880, -30.4122, 1.1506



66.4350, 0.2785, 4.0035



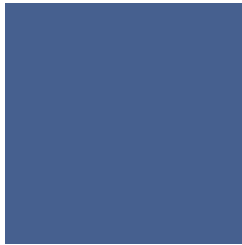
45.8370, 1.0664, 78.1960



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 93.5840, 24.3621, -20.6832 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 93.5840, 24.3621, -20.6832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

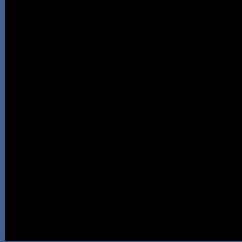
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

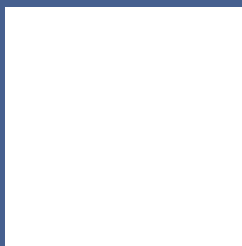
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.5840, 24.3621, -20.6832

Background



This preview shows how black text looks on a background with the YUV color 93.5840, 24.3621, -20.6832.



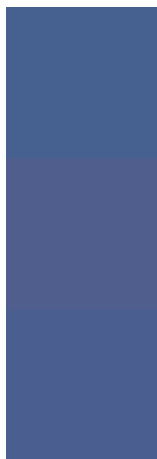
This preview shows how white text looks on a background with the YUV color 93.5840, 24.3621, -20.6832.

-20.6832.

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

93.5840, 24.3621, -20.6832

Protanopia

95.1720, 22.5932, -13.3058

Deuteranopia

94.1930, 24.0619, -17.7093



Tritanopia

90.1690, 10.2697, -27.3352

Trichromacy



Original Color

93.5840, 24.3621, -20.6832

Protanomaly

94.6770, 23.3302, -16.3797

Deuteranomaly

93.8940, 24.2093, -18.3240

Tritanomaly

91.5590, 15.5004, -25.0462

Monochromacy



Original Color

93.5840, 24.3621, -20.6832

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9480, 8.8996, -7.8474

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.5840, 24.3621, -20.6832 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(70, 96, 143)` looks like.

```
.text, #text, p{  
    color:rgb(70, 96, 143)  
}
```

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(70, 96, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 96, 143) }
```

Border

The CSS property to change the border of an element to YUV 93.5840, 24.3621, -20.6832 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(70, 96, 143) }
```


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

```
.border{ border-color:rgb(70, 96, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 96, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 96, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 96, 143);  
box-shadow:4px 4px 4px 4px rgb(70, 96,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 93.5840, 24.3621, -20.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 96, 143) }
```

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

```
.background{ background-color: rgb(70, 96,  
143) }
```

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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