

Converting Colors

YUV(93.6060, 4.1382, -20.7025)

Have a look what the booklet for
YUV(93.6060, 4.1382, -20.7025)
contains.

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Color

**YUV(93.6060, 4.1382,
-20.7025)**

Conversions

Conversions Part 1

Format	Color
Hex	466866
RGB	70, 104, 102
RGB Percent	27%, 41%, 40%
CMY	0.7255, 0.5922, 0.6000
CMYK	0.33, 0.00, 0.02, 0.59
HSL	176°, 20%, 34%
HSV	176°, 33%, 41%
XYZ	9.8744, 12.1620, 14.3974
YIQ	93.6060, -19.6220, -7.8300

Conversions

Conversions Part 2

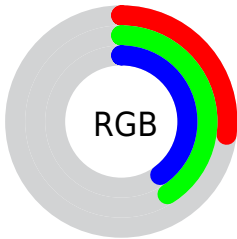
Format	Color
R_{YB}	70, 88, 104
Decimal	4614246
CIE _{Lab}	41.47, -12.68, -2.80
CIE _{LCh}	41, 12.982, 192.461
Yxy	12.1620, 0.2710, 0.3338
Android (android.graphics.Color)	4282804326 (0xFF466866)
YUV	93.6060, 4.1382, -20.7025
Hunter-Lab	34.8741, -10.4886, -0.0654

Details

The YUV color **93.6060, 4.1382, -20.7025** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80.3940, -4.1382, 20.7025**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3070, 4.2856, -21.3172**, and **46.6060, 4.1382, -20.7025** is the 20% darker color. If you saturate the color by 10%, you get **90.5020, 5.1755, -26.7503**, and if you desaturate by 10%, it is **96.7100, 3.1010, -14.6547**.

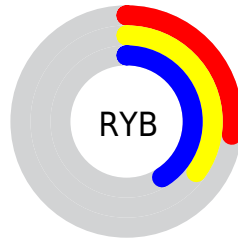
Distribution



Red (27%)

Green (41%)

Blue (40%)



Red (27%)

Yellow (35%)

Blue (41%)

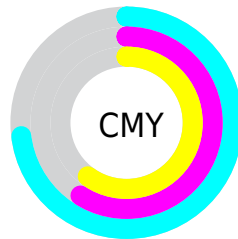


Cyan (33%)

Magenta (0%)

Yellow (2%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.6060, 4.1382, -20.7025 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 93.6060, 4.1382, -20.7025 by changing the saturation by 10% instead.

■ 93.6060, 4.1382,
-20.7025

■ 93.6060, 4.1382,
-20.7025

■ 255.0000, 0.0000,
0.0000

■ 69.6060, 4.1382,
-20.7025

■ 144.3070, 4.2856,
-21.3172

■ 46.6060, 4.1382,
-20.7025

■ 171.0080, 4.4331,
-21.9320

■ 24.4210, 4.7224,
-21.4172

■ 198.5950, 4.1437,
-22.4468

■ 7.8250, 2.0583,
-6.8625

■ 226.2960, 4.2911,
-23.0616

■ 0.0000, 0.0000,
0.0000

■ 247.2260, 3.8326,
-15.9842

■ 93.6060, 4.1382,
-20.7025

■ 93.6060, 4.1382,
-20.7025

■ 90.5020, 5.1755,
-26.7503

■ 96.7100, 3.1010,
-14.6547

■ 87.2130, 6.7970,
-33.5128

■ 99.9990, 1.4795,
-7.8921

■ 84.1090, 7.8343,
-39.5606

■ 103.1030, 0.4422,
-1.8443

■ 80.8200, 9.4557,
-46.3231

■ 106.3920, -1.1793,
4.9182

■ 77.7160, 10.4930,
-52.3709

■ 109.4960, -2.2165,
10.9660

■ 74.6120, 11.5303,
-58.4187

■ 112.6000, -3.2538,
17.0138

■ 72.2200, 12.7095,
-63.3369

■ 115.8890, -4.8753,
23.7763

■ 118.9930, -5.9125,

29.8241

■ 122.3960, -7.0972,
36.4867

Harmonies

Analogous

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



94.1570, -1.5564, -14.1697



93.6060, 4.1382, -20.7025



94.1590, 8.7956, -21.1874

Triad

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



93.6060, 4.1382, -20.7025



99.5690, 7.1145, 4.7630



98.1450, -9.9315, 12.1508

Complementary

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



93.6060, 4.1382, -20.7025



80.3940, -4.1382, 20.7025

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.



98.8620, -7.3270, 16.7840



93.6060, 4.1382, -20.7025



99.7720, 2.5774, 13.3550

Square

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



93.6060, 4.1382, -20.7025



97.6000, 10.0572, -5.7882



99.4260, -2.6750, 18.0434



97.0900, -9.9044, 3.4291

Rectangle

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



93.6060, 4.1382, -20.7025



95.2240, 10.2426, -18.6134



99.4260, -2.6750, 18.0434



98.5690, -9.6475, 14.4100

Sweetspot

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



93.6060, 4.1382, -20.7025



130.9990, 1.4795, -7.8921



90.5560, -10.1341, -16.2736



66.4940, 0.7425, -4.8182



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.6060, 4.1382, -20.7025



118.8110, 6.5022, -32.2832



85.0290, 9.3527, -13.1804



49.5050, 0.7370, -3.0739



79.8170, 13.8942, -69.9995



168.0460, 29.5573, -147.3763

Inverse Universe

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



80.3940, -4.1382, 20.7025



98.3030, -6.0654, 32.1833



88.9710, -9.3527, 13.1804



47.4950, -0.7370, 3.0739



35.1830, -13.8942, 69.9995



73.9540, -29.5573, 147.3763

Previews

White Background



This preview shows how the YUV color 93.6060, 4.1382, -20.7025 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 93.6060, 4.1382, -20.7025 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 93.6060, 4.1382, -20.7025

Background



This preview shows how black text looks on a background with the YUV color 93.6060, 4.1382, -20.7025.



This preview shows how white text looks on a background with the YUV color 93.6060, 4.1382, -20.7025.

-20.7025.

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

93.6060, 4.1382, -20.7025

Protanopia

97.7120, 0.1420, 1.1296

Deuteranopia

98.7170, 2.6045, 4.6332



Tritanopia

94.6430, 8.0640, -19.8579

Trichromacy



Original Color

93.6060, 4.1382, -20.7025

Protanomaly

96.2980, 1.3321, -7.2773

Deuteranomaly

96.7760, 3.0684, -4.1886

Tritanomaly

94.0020, 6.9010, -20.1728

Monochromacy



Original Color

93.6060, 4.1382, -20.7025

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6060, 4.1382, -20.7025 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, 104, 102)` looks like.

```
.text, #text, p{  
    color:rgb(70, 104, 102)  
}
```

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, 104, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 104, 102) }
```

Border

The CSS property to change the border of an element to YUV 93.6060, 4.1382, -20.7025 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, 104, 102) }
```


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

```
.border{ border-color:rgb(70, 104, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 104, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 104, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 104, 102);  
box-shadow:4px 4px 4px 4px rgb(70, 104,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 93.6060, 4.1382, -20.7025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 104, 102) }
```

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

```
.background{ background-color: rgb(70, 104,  
102) }
```

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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