

Converting Colors

YUV(90.6320, 51.4534,
-76.8533)

Have a look what the booklet for
YUV(90.6320, 51.4534, -76.8533)
contains.

YUV(90.6320, 51.4534, -76.8533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.6320, 51.4534,
-76.8533)**

Conversions

Conversions Part 1

Format	Color
Hex	0373C3
RGB	3, 115, 195
RGB Percent	1%, 45%, 76%
CMY	0.9882, 0.5490, 0.2353
CMYK	0.98, 0.41, 0.00, 0.24
HSL	205°, 97%, 39%
HSV	205°, 98%, 76%
XYZ	16.0186, 16.2210, 53.9164
YIQ	90.6320, -92.4320, 1.1360

Conversions

Conversions Part 2

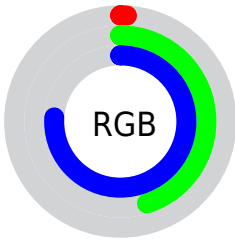
Format	Color
RYB	3, 74, 195
Decimal	226243
CIELab	47.26, 3.50, -49.15
CIELCh	47, 49.278, 274.071
Yxy	16.2210, 0.1859, 0.1883
Android (android.graphics.Color)	4278416323 (0xFF0373C3)
YUV	90.6320, 51.4534, -76.8533
Hunter-Lab	40.2752, 0.5128, -51.1788

Details

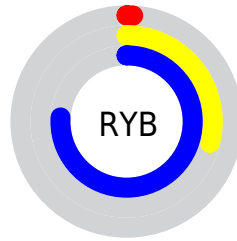
The YUV color **90.6320, 51.4534, -76.8533** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **107.3680, -51.4534, 76.8533**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1730, 47.7357, -51.0177**, and **55.9900, 41.9099, -49.1032** is the 20% darker color. If you saturate the color by 10%, you get **89.1480, 52.1850, -78.1828**, and if you desaturate by 10%, it is **101.0090, 46.3376, -69.2909**.

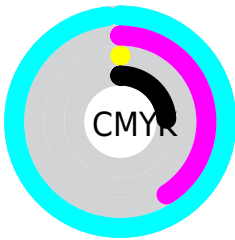
Distribution



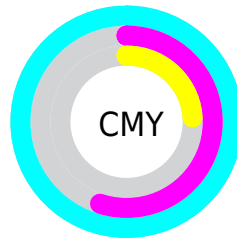
- Red (1%)
- Green (45%)
- Blue (76%)



- Red (1%)
- Yellow (29%)
- Blue (76%)



- Cyan (98%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)



- Cyan (99%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.6320, 51.4534, -76.8533 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 90.6320, 51.4534, -76.8533 by changing the saturation by 10% instead.

■ 90.6320, 51.4534,
-76.8533

■ 90.6320, 51.4534,
-76.8533

■ 255.0000, 0.0000,
0.0000

■ 72.4550, 46.6107,
-63.5430

■ 155.1730, 47.7357,
-51.0177

■ 55.9900, 41.9099,
-49.1032

■ 180.6330, 36.6629,
-46.1591

■ 40.1120, 36.9198,
-35.1782

■ 206.0390, 24.1378,
-42.1302

■ 26.1090, 31.4983,
-22.8976

■ 232.3310, 11.1758,
-38.0013

■ 11.6330, 26.8029,
-10.2021

■ 244.2360, 5.3067,
-22.1320

■ 6.5490, 17.4773,
-5.7435

■ 253.5050, 0.7370,

■ 2.9810, 8.8834,

-3.0739

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 90.6320, 51.4534,
-76.8533

■ 90.6320, 51.4534,
-76.8533

■ 89.1480, 52.1850,
-78.1828

■ 101.0090, 46.3376,
-69.2909

■ 111.6850, 41.0743,
-61.1137

■ 122.0620, 35.9584,
-53.5514

■ 133.3250, 30.4058,
-45.8890

■ 143.7020, 25.2899,
-38.3267

■ 154.3780, 20.0266,
-30.1495

■ 164.7550, 14.9108,
-22.5871

■ 175.4310, 9.6475,
-14.4100

■ 186.1070, 4.3842,
-6.2328

Harmonies

Analogous

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



95.1660, 44.7812, -83.4606



90.6320, 51.4534, -76.8533



114.6270, 32.7219, 4.7121

Triad

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



90.6320, 51.4534, -76.8533



109.4290, -20.4245, 64.5218



84.1590, -5.0084, -73.8074

Complementary

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



90.6320, 51.4534, -76.8533



107.3680, -51.4534, 76.8533

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.



101.8340, -31.9632, -14.7634



90.6320, 51.4534, -76.8533



108.7800, -36.3735, 46.6739

Square

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



90.6320, 51.4534, -76.8533



110.1900, -1.0797, 66.4854



106.0680, -43.4175, 19.2344



90.8220, 12.9058, -79.6509

Rectangle

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



90.6320, 51.4534, -76.8533



114.8820, 22.7362, 34.3065



106.0680, -43.4175, 19.2344



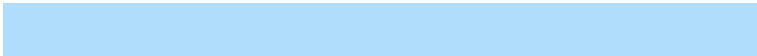
95.5450, -17.0307, -44.3280

Sweetspot

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



90.6320, 51.4534, -76.8533



211.3780, 20.0266, -30.1495



124.8240, -20.6192, -106.8396



102.5060, 12.5685, -17.9838



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.



90.6320, 51.4534, -76.8533



115.0170, 67.5326, -100.8699



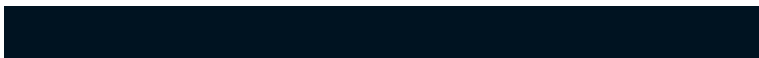
34.2800, 79.2350, -27.4326



91.6620, 2.6316, -4.0886



73.5320, 43.1217, -64.4876



14.9150, 8.9159, -13.0805

Inverse Universe

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



73.1760, 20.6192, 106.8396



92.1060, 27.0627, 140.2270



163.7200, -79.2350, 27.4326



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 90.6320, 51.4534, -76.8533 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 90.6320, 51.4534, -76.8533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

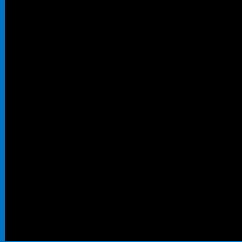
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.6320, 51.4534, -76.8533

Background



This preview shows how black text looks on a background with the YUV color 90.6320, 51.4534, -76.8533.



This preview shows how white text looks on a background with the YUV color 90.6320, 51.4534, -76.8533.

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

90.6320, 51.4534, -76.8533

Protanopia

108.5520, 39.6609, -27.6711

Deuteranopia

100.8200, 46.4307, -52.4621



Tritanopia

87.9500, 22.2096, -77.1321

Trichromacy



Original Color

90.6320, 51.4534, -76.8533

Protanomaly

101.8810, 43.9357, -45.4996

Deuteranomaly

97.2210, 48.2050, -61.5838

Tritanomaly

89.1100, 32.9768, -77.2725

Monochromacy



Original Color

90.6320, 51.4534, -76.8533

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0470, 18.7108, -28.1052

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6320, 51.4534, -76.8533 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(3, 115, 195)` looks like.

```
.text, #text, p{  
    color:rgb(3, 115, 195)  
}
```

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(3, 115, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 115, 195) }
```

Border

The CSS property to change the border of an element to YUV 90.6320, 51.4534, -76.8533 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(3, 115, 195) }
```


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

```
.border{ border-color:rgb(3, 115, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 115, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 115, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 115, 195);  
box-shadow:4px 4px 4px 4px rgb(3, 115,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 90.6320, 51.4534, -76.8533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 115, 195) }
```

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

```
.background{ background-color: rgb(3, 115,  
195) }
```

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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