

Converting Colors

YUV(90.9580, 47.3487,
-20.1342)

Have a look what the booklet for
YUV(90.9580, 47.3487, -20.1342)
contains.

YUV(90.9580, 47.3487, -20.1342)	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(90.9580, 47.3487,
-20.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	4454BB
RGB	68, 84, 187
RGB Percent	27%, 33%, 73%
CMY	0.7333, 0.6706, 0.2667
CMYK	0.64, 0.55, 0.00, 0.27
HSL	232°, 47%, 50%
HSV	232°, 64%, 73%
XYZ	14.5239, 11.1574, 48.4018
YIQ	90.9580, -42.5990, 28.6410

Conversions

Conversions Part 2

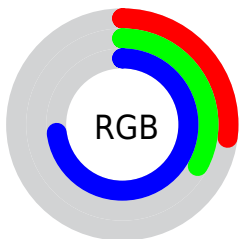
Format	Color
R _Y B	68, 82, 187
Decimal	4478139
CIE Lab	39.84, 26.60, -56.35
CIE LCh	40, 62.319, 295.270
Yxy	11.1574, 0.1960, 0.1506
Android (android.graphics.Color)	4282668219 (0xFF4454BB)
YUV	90.9580, 47.3487, -20.1342
Hunter-Lab	33.4028, 19.1588, -62.5314

Details

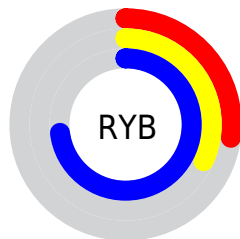
The YUV color **90.9580, 47.3487, -20.1342** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **164.0420, -47.3487, 20.1342**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1590, 49.2216, -14.1714**, and **38.6420, 46.5185, -33.8890** is the 20% darker color. If you saturate the color by 10%, you get **75.8850, 54.7797, -23.5781**, and if you desaturate by 10%, it is **106.0310, 39.9177, -16.6902**.

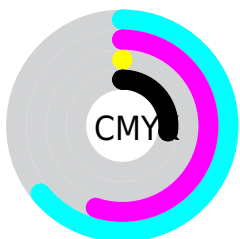
Distribution



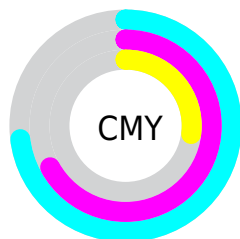
- Red (27%)
- Green (33%)
- Blue (73%)



- Red (27%)
- Yellow (32%)
- Blue (73%)



- Cyan (64%)
- Magenta (55%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9580, 47.3487, -20.1342 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 90.9580, 47.3487, -20.1342 by changing the saturation by 10% instead.

■ 90.9580, 47.3487,
-20.1342

■ 90.9580, 47.3487,
-20.1342

■ 255.0000, 0.0000,
0.0000

■ 63.6150, 47.5178,
-27.7264

■ 144.1590, 49.2216,
-14.1714

■ 38.6420, 46.5185,
-33.8890

■ 169.3460, 42.2274,
-10.8274

■ 23.9380, 40.9496,
-20.9936

■ 193.8660, 30.1391,
-6.8985

■ 9.3480, 35.8174,
-8.1982

■ 218.9730, 17.7613,
-3.4843

■ 9.5470, 23.8873,
-8.3727

■ 244.3790, 5.2362,
0.5446

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 90.9580, 47.3487,
-20.1342

■ 90.9580, 47.3487,
-20.1342

■ 75.8850, 54.7797,
-23.5781

■ 106.0310, 39.9177,
-16.6902

■ 61.1110, 62.0633,
-26.4073

■ 120.8050, 32.6341,
-13.8610

■ 45.4510, 69.7837,
-29.3365

■ 136.4650, 24.9138,
-10.9318

■ 35.9930, 74.4465,
-31.5659

■ 151.5380, 17.4828,
-7.4878

■ 166.6110, 10.0518,
-4.0438

■ 181.3850, 2.7682,
-1.2146

■ 196.4580, -4.6628,
2.2293

■ 211.5310,
-12.0938, 5.6733

■ 226.8920,
-19.6668, 7.9877

Harmonies

Analogous

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



82.8050, 55.8051, -72.6200



90.9580, 47.3487, -20.1342



93.9680, 29.1028, 45.6321

Triad

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



90.9580, 47.3487, -20.1342



85.9840, -42.3901, 63.1580



77.0810, 3.4111, -67.6000

Complementary

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



90.9580, 47.3487, -20.1342



164.0420, -47.3487, 20.1342

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.



68.4630, -19.4553, -60.0421



90.9580, 47.3487, -20.1342



88.4220, -43.5920, 28.5709

Square

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



90.9580, 47.3487, -20.1342



81.3960, -13.5062, 85.5987



82.8750, -40.8574, -8.6604



83.5960, 25.8352, -73.3137

Rectangle

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



90.9580, 47.3487, -20.1342



84.8810, 17.8067, 75.5264



82.8750, -40.8574, -8.6604



74.4420, -4.1619, -65.2856

Sweetspot

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



90.9580, 47.3487, -20.1342



204.7660, 18.3564, -7.6878



149.3670, 9.6791, -71.3589



99.5400, 11.0728, -4.8586



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



90.9580, 47.3487, -20.1342



93.6510, 73.1361, -31.2659



94.1240, 45.7879, 13.9233



86.6130, 3.6418, -1.4146



30.3390, 62.9369, -26.6073



5.8820, 12.3832, -5.1585

Inverse Universe

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



105.4050, -10.5527, 71.5588



115.8660, -16.2029, 110.6195



160.8760, -45.7879, -13.9233



87.8050, -0.8899, 5.4330



49.6360, -14.1175, 95.0352



9.7250, -2.8224, 18.6582

Previews

White Background



This preview shows how the YUV color 90.9580, 47.3487, -20.1342 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 90.9580, 47.3487, -20.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

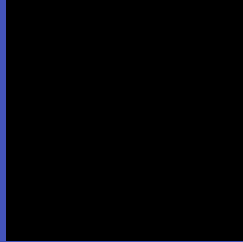
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.9580, 47.3487, -20.1342

Background



This preview shows how black text looks on a background with the YUV color 90.9580, 47.3487, -20.1342.



This preview shows how white text looks on a background with the YUV color 90.9580, 47.3487, -20.1342.

-20.1342.

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

90.9580, 47.3487, -20.1342

Protanopia

74.7180, 57.8200, -65.5277

Deuteranopia

75.2760, 44.7269, -66.0171



Tritanopia

79.8070, 15.8711, -50.6967

Trichromacy



Original Color

90.9580, 47.3487, -20.1342

Protanomaly

80.7910, 53.8400, -48.9287

Deuteranomaly

81.3150, 45.6937, -49.3883

Tritanomaly

83.8590, 27.1845, -39.3413

Monochromacy



Original Color

90.9580, 47.3487, -20.1342

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8370, 17.3354, -6.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9580, 47.3487, -20.1342 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(68, 84, 187)` looks like.

```
.text, #text, p{  
    color:rgb(68, 84, 187)  
}
```

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(68, 84, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 84, 187) }
```

Border

The CSS property to change the border of an element to YUV 90.9580, 47.3487, -20.1342 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(68, 84, 187) }
```


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

```
.border{ border-color:rgb(68, 84, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 84, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 84, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 84, 187);  
box-shadow:4px 4px 4px 4px rgb(68, 84,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 90.9580, 47.3487, -20.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 84, 187) }
```

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

```
.background{ background-color: rgb(68, 84,  
187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor