

Converting Colors

YUV(93.2290, 49.6801,
-21.2488)

Have a look what the booklet for
YUV(93.2290, 49.6801, -21.2488)
contains.

YUV(93.2290, 49.6801, -21.2488)	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(93.2290, 49.6801,
-21.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	4556C2
RGB	69, 86, 194
RGB Percent	27%, 34%, 76%
CMY	0.7294, 0.6627, 0.2392
CMYK	0.64, 0.56, 0.00, 0.24
HSL	232°, 51%, 52%
HSV	232°, 64%, 76%
XYZ	15.5196, 11.8158, 52.5016
YIQ	93.2290, -44.8000, 29.9840

Conversions

Conversions Part 2

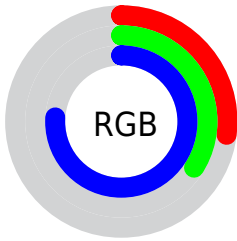
Format	Color
RYB	69, 84, 194
Decimal	4544194
CIELab	40.92, 27.93, -58.69
CIELCh	41, 64.999, 295.452
Yxy	11.8158, 0.1944, 0.1480
Android (android.graphics.Color)	4282734274 (0xFF4556C2)
YUV	93.2290, 49.6801, -21.2488
Hunter-Lab	34.3742, 20.4364, -66.4951

Details

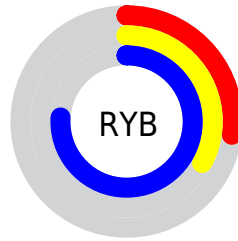
The YUV color **93.2290, 49.6801, -21.2488** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **169.7710, -49.6801, 21.2488**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0170, 51.2636, -15.8009**, and **39.9130, 48.8499, -35.0037** is the 20% darker color. If you saturate the color by 10%, you get **77.5690, 57.4005, -24.1780**, and if you desaturate by 10%, it is **108.8890, 41.9597, -18.3197**.

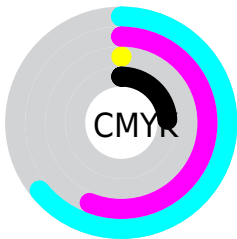
Distribution



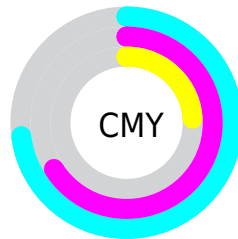
- Red (27%)
- Green (34%)
- Blue (76%)



- Red (27%)
- Yellow (33%)
- Blue (76%)



- Cyan (64%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.2290, 49.6801, -21.2488 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 93.2290, 49.6801, -21.2488 by changing the saturation by 10% instead.

■ 93.2290, 49.6801,
-21.2488

■ 93.2290, 49.6801,
-21.2488

■ 255.0000, 0.0000,
0.0000

■ 65.4730, 49.5598,
-29.3558

■ 147.0170, 51.2636,
-15.8009

■ 39.9130, 48.8499,
-35.0037

■ 171.7050, 41.0644,
-11.1423

■ 25.7960, 42.9916,
-22.6231

■ 196.2250, 28.9761,
-7.2133

■ 10.0320, 38.4382,
-8.7981

■ 221.0440, 16.7403,
-2.6696

■ 11.4050, 25.9293,
-10.0022

■ 247.0370, 3.9258,
0.8446

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 93.2290, 49.6801,
-21.2488

■ 93.2290, 49.6801,
-21.2488

■ 77.5690, 57.4005,
-24.1780

■ 108.8890, 41.9597,
-18.3197

■ 61.6100, 65.2683,
-27.7220

■ 124.8480, 34.0919,
-14.7757

■ 46.5370, 72.6993,
-31.1659

■ 139.9210, 26.6609,
-11.3317

■ 37.3780, 77.2146,
-32.7805

■ 155.8800, 18.7932,
-7.7878

■ 171.5400, 11.0728,
-4.8586

■ 187.2000, 3.3524,
-1.9294

■ 202.5720, -4.2260,
2.1294

■ 218.2320,
-11.9464, 5.0585

■ 234.1910,
-19.8142, 8.6025

Harmonies

Analogous

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



85.4780, 58.4313, -74.9642



93.2290, 49.6801, -21.2488



95.4460, 30.8391, 48.7209

Triad

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



93.2290, 49.6801, -21.2488



88.0660, -43.4165, 65.7171



79.0700, 3.4165, -69.3444

Complementary

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



93.2290, 49.6801, -21.2488



169.7710, -49.6801, 21.2488

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.



70.8110, -20.6128, -62.1012



93.2290, 49.6801, -21.2488



91.3790, -45.0498, 29.4856

Square

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



93.2290, 49.6801, -21.2488



82.1300, -13.3751, 90.2170



84.6360, -41.7255, -10.2048



85.9270, 27.1510, -75.3580

Rectangle

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



93.2290, 49.6801, -21.2488



85.9570, 19.2482, 79.8447



84.6360, -41.7255, -10.2048



77.0180, -4.4459, -67.5448

Sweetspot

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



93.2290, 49.6801, -21.2488



213.5810, 18.9406, -8.4025



154.4590, 10.1267, -74.9475



103.7680, 11.9464, -5.0585



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.



93.2290, 49.6801, -21.2488



95.9650, 76.9253, -33.2953



96.4060, 48.1138, 14.5529



89.3140, 3.7892, -2.0294



31.2680, 63.9579, -27.4220



6.6970, 12.9674, -5.8733

Inverse Universe

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



108.3130, -11.0003, 75.1475



119.0840, -16.8034, 116.5673



166.5940, -48.1138, -14.5529



90.2180, -0.6005, 5.9478



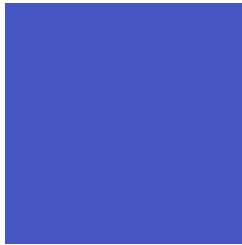
50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 93.2290, 49.6801, -21.2488 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 93.2290, 49.6801, -21.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

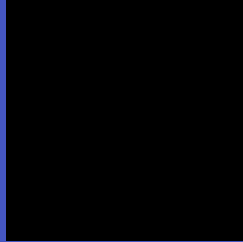
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.2290, 49.6801, -21.2488

Background



This preview shows how black text looks on a background with the YUV color 93.2290, 49.6801, -21.2488.



This preview shows how white text looks on a background with the YUV color 93.2290, 49.6801,

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

93.2290, 49.6801, -21.2488

Protanopia

76.4620, 59.4252, -67.0572

Deuteranopia

77.0200, 46.3321, -67.5465



Tritanopia

79.8170, 17.3452, -56.8445

Trichromacy



Original Color

93.2290, 49.6801, -21.2488

Protanomaly

82.6490, 55.8820, -50.5582

Deuteranomaly

83.0590, 47.2989, -50.9177

Tritanomaly

84.9940, 29.0900, -43.8447

Monochromacy



Original Color

93.2290, 49.6801, -21.2488

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.7660, 18.3564, -7.6878

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.2290, 49.6801, -21.2488 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(69, 86, 194)` looks like.

```
.text, #text, p{  
    color:rgb(69, 86, 194)  
}
```

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(69, 86, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 86, 194) }
```

Border

The CSS property to change the border of an element to YUV 93.2290, 49.6801, -21.2488 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(69, 86, 194) }
```


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

```
.border{ border-color:rgb(69, 86, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 86, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 86, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 86, 194);  
box-shadow:4px 4px 4px 4px rgb(69, 86,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 93.2290, 49.6801, -21.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 86, 194) }
```

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

```
.background{ background-color: rgb(69, 86,  
194) }
```

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