

Converting Colors

YUV(90.4470, 42.1776,
-41.6110)

Have a look what the booklet for
YUV(90.4470, 42.1776, -41.6110)
contains.

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Color

**YUV(90.4470, 42.1776,
-41.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	2B62B0
RGB	43, 98, 176
RGB Percent	17%, 38%, 69%
CMY	0.8314, 0.6157, 0.3098
CMYK	0.76, 0.44, 0.00, 0.31
HSL	215°, 61%, 43%
HSV	215°, 76%, 69%
XYZ	13.2004, 12.3835, 42.7688
YIQ	90.4470, -57.8180, 12.5980

Conversions

Conversions Part 2

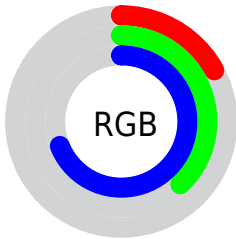
Format	Color
R_{YB}	43, 82, 176
Decimal	2843312
CIE Lab	41.82, 9.71, -46.78
CIE LCh	42, 47.780, 281.727
Yxy	12.3835, 0.1931, 0.1812
Android (android.graphics.Color)	4281033392 (0xFF2B62B0)
YUV	90.4470, 42.1776, -41.6110
Hunter-Lab	35.1903, 5.3752, -47.4255

Details

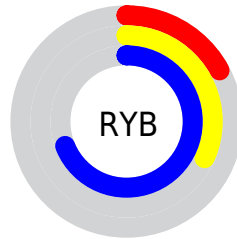
The YUV color **90.4470, 42.1776, -41.6110** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **128.5530, -42.1776, 41.6110**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3170, 42.7347, -33.6040**, and **45.1330, 38.3884, -39.5816** is the 20% darker color. If you saturate the color by 10%, you get **79.1950, 47.7249, -47.5290**, and if you desaturate by 10%, it is **101.6990, 36.6304, -35.6930**.

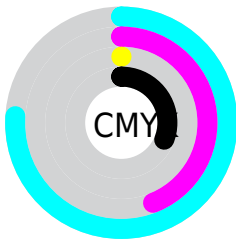
Distribution



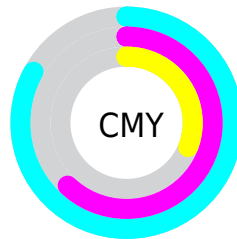
- Red (17%)
- Green (38%)
- Blue (69%)



- Red (17%)
- Yellow (32%)
- Blue (69%)



- Cyan (76%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)



- Cyan (83%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.4470, 42.1776, -41.6110 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 90.4470, 42.1776, -41.6110 by changing the saturation by 10% instead.

■ 90.4470, 42.1776,
-41.6110

■ 90.4470, 42.1776,
-41.6110

■ 255.0000, 0.0000,
0.0000

■ 61.0110, 43.3786,
-53.5066

■ 145.3170, 42.7347,
-33.6040

■ 45.1330, 38.3884,
-39.5816

■ 172.4590, 40.6927,
-31.9745

■ 29.8420, 33.1089,
-26.1714

■ 196.9790, 28.6044,
-28.0456

■ 12.4310, 29.8605,
-10.9020

■ 222.0860, 16.2266,
-24.6314

■ 8.0480, 20.6823,
-7.0581

■ 245.7310, 4.5696,
-19.0581

■ 3.7790, 11.9410,
-3.3142

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 90.4470, 42.1776,
-41.6110

■ 90.4470, 42.1776,
-41.6110

■ 79.1950, 47.7249,
-47.5290

■ 101.6990, 36.6304,
-35.6930

■ 67.6550, 53.4141,
-52.3174

■ 113.2390, 30.9412,
-30.9046

■ 62.9150, 55.7509,
-55.1765

■ 124.4910, 25.3939,
-24.9866

■ 135.4440, 19.9941,
-19.6834

■ 147.2830, 14.1575,
-14.2802

■ 158.5350, 8.6102,
-8.3622

■ 169.4880, 3.2104,
-3.0590

■ 181.3270, -2.6262,
2.3442

■ 192.2800, -8.0260,
7.6474

Harmonies

Analogous

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



84.2920, 43.7330, -73.9241



90.4470, 42.1776, -41.6110



101.4390, 27.8846, 16.2780

Triad

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



90.4470, 42.1776, -41.6110



95.2880, -23.3130, 57.6294



76.4140, -1.6831, -67.0151

Complementary

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



90.4470, 42.1776, -41.6110



128.5530, -42.1776, 41.6110

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.



87.0870, -25.6789, -23.7553



90.4470, 42.1776, -41.6110



94.8560, -38.3830, 37.8373

Square

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



90.4470, 42.1776, -41.6110



95.4410, -5.1474, 64.5112



91.6540, -42.2274, 10.8274



81.5610, 15.4994, -71.5290

Rectangle

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



90.4470, 42.1776, -41.6110



100.9600, 17.7677, 41.2541



91.6540, -42.2274, 10.8274



73.6440, -7.2195, -64.5858

Sweetspot

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



90.4470, 42.1776, -41.6110



195.9560, 16.7837, -16.6244



129.9630, -4.4188, -76.2666



94.2790, 10.2155, -9.8917



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



90.4470, 42.1776, -41.6110



95.3080, 66.4032, -65.1681



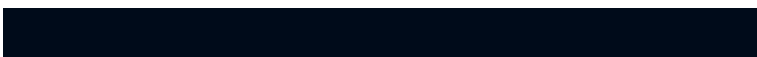
61.4510, 56.4727, -6.5345



83.3740, 2.7736, -2.9590



54.4230, 48.5985, -47.7290



9.4210, 8.1734, -8.2622

Inverse Universe

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



89.0370, 4.4188, 76.2666



93.2950, 6.7566, 119.8903



157.5490, -56.4727, 6.5345



83.1470, 0.4205, 5.1331



52.9290, 4.9650, 87.7623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 90.4470, 42.1776, -41.6110 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 90.4470, 42.1776, -41.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

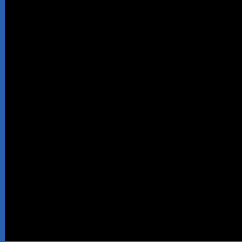
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.4470, 42.1776, -41.6110

Background



This preview shows how black text looks on a background with the YUV color 90.4470, 42.1776, -41.6110.



This preview shows how white text looks on a background with the YUV color 90.4470, 42.1776,

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

90.4470, 42.1776, -41.6110

Protanopia

94.7260, 39.0821, -28.7007

Deuteranopia

85.3420, 44.6944, -55.5509



Tritanopia

77.3210, 19.5617, -67.8105

Trichromacy



Original Color

90.4470, 42.1776, -41.6110

Protanomaly

93.3340, 40.2613, -33.6189

Deuteranomaly

87.1470, 43.8045, -50.1179

Tritanomaly

82.1510, 27.5336, -58.0144

Monochromacy



Original Color

90.4470, 42.1776, -41.6110

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2120, 15.1785, -15.0949

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.4470, 42.1776, -41.6110 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(43, 98, 176)` looks like.

```
.text, #text, p{  
    color:rgb(43, 98, 176)  
}
```

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(43, 98, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 98, 176) }
```

Border

The CSS property to change the border of an element to YUV 90.4470, 42.1776, -41.6110 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(43, 98, 176) }
```


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

```
.border{ border-color:rgb(43, 98, 176) }
```

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

Here you see how a box with a 4 pixel rgb(43, 98, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 98, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 98, 176);  
box-shadow:4px 4px 4px 4px rgb(43, 98,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 90.4470, 42.1776, -41.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 98, 176) }
```

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

```
.background{ background-color: rgb(43, 98,  
176) }
```

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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