

Converting Colors

YUV(72.0920, 47.2826,
-45.6847)

Have a look what the booklet for
YUV(72.0920, 47.2826, -45.6847)
contains.

YUV(72.0920, 47.2826, -45.6847)	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(72.0920, 47.2826,
-45.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	1450A8
RGB	20, 80, 168
RGB Percent	8%, 31%, 66%
CMY	0.9216, 0.6863, 0.3412
CMYK	0.88, 0.52, 0.00, 0.34
HSL	216°, 79%, 37%
HSV	216°, 88%, 66%
XYZ	10.2250, 8.7132, 38.1887
YIQ	72.0920, -64.0080, 14.6480

Conversions

Conversions Part 2

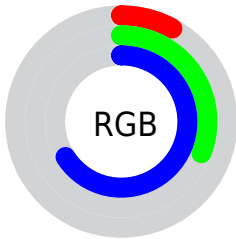
Format	Color
R_{YB}	20, 63, 168
Decimal	1331368
CIE _{Lab}	35.43, 16.14, -52.38
CIE _{LCh}	35, 54.807, 287.122
Yxy	8.7132, 0.1790, 0.1525
Android (android.graphics.Color)	4279521448 (0xFF1450A8)
YUV	72.0920, 47.2826, -45.6847
Hunter-Lab	29.5181, 10.1754, -56.0430

Details

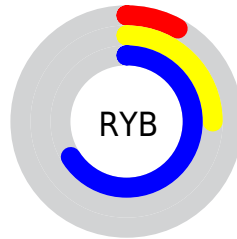
The YUV color **72.0920, 47.2826, -45.6847** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **115.9080, -47.2826, 45.6847**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3650, 46.6551, -31.0151**, and **34.8290, 39.5243, -30.5450** is the 20% darker color. If you saturate the color by 10%, you get **61.1390, 52.6825, -50.9879**, and if you desaturate by 10%, it is **83.0450, 41.8828, -40.3815**.

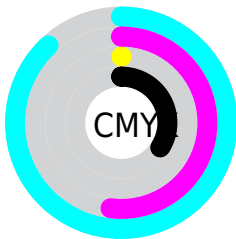
Distribution



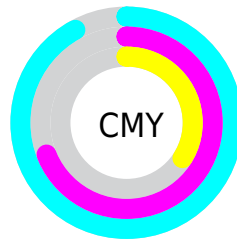
- Red (8%)
- Green (31%)
- Blue (66%)



- Red (8%)
- Yellow (25%)
- Blue (66%)



- Cyan (88%)
- Magenta (52%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0920, 47.2826, -45.6847 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 72.0920, 47.2826, -45.6847 by changing the saturation by 10% instead.

■ 72.0920, 47.2826,
-45.6847

■ 72.0920, 47.2826,
-45.6847

■ 255.0000, 0.0000,
0.0000

■ 50.1200, 44.8038,
-43.9552

■ 129.3650, 46.6551,
-31.0151

■ 34.8290, 39.5243,
-30.5450

■ 156.3160, 47.6652,
-28.3411

■ 20.8260, 34.1028,
-18.2644

■ 181.0640, 36.4504,
-24.6121

■ 11.6330, 26.8029,
-10.2021

■ 205.8830, 24.2147,
-20.0684

■ 6.6630, 17.9141,
-5.8435

■ 231.5770, 11.5475,
-17.1690

■ 2.9810, 8.8834,
-2.6143

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 72.0920, 47.2826,
-45.6847

■ 72.0920, 47.2826,
-45.6847

■ 61.1390, 52.6825,
-50.9879

■ 83.0450, 41.8828,
-40.3815

■ 59.0680, 53.7035,
-51.8026

■ 93.9980, 36.4830,
-35.0782

■ 104.6520, 31.2306,
-30.3898

■ 115.6050, 25.8307,
-25.0866

■ 126.5580, 20.4309,
-19.7834

■ 137.5110, 15.0311,
-14.4801

■ 148.4640, 9.6312,
-9.1769

■ 159.1180, 4.3788,
-4.4885

■ 170.0710, -1.0210,
0.8147

Harmonies

Analogous

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



74.4440, 46.6161, -65.2874



72.0920, 47.2826, -45.6847



84.8470, 29.1624, 26.4442

Triad

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



72.0920, 47.2826, -45.6847



76.8170, -28.9968, 60.6735



66.3550, -2.1470, -58.1933

Complementary

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



72.0920, 47.2826, -45.6847



115.9080, -47.2826, 45.6847

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.



62.4220, -23.8720, -43.3431



72.0920, 47.2826, -45.6847



78.4210, -38.6616, 33.8338

Square

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



72.0920, 47.2826, -45.6847



72.5780, -6.2010, 75.7921



75.5650, -37.2535, 2.1355



72.1860, 17.6563, -63.3071

Rectangle

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



72.0920, 47.2826, -45.6847



79.9770, 18.7453, 54.3942



75.5650, -37.2535, 2.1355



64.0580, -8.4096, -56.1789

Sweetspot

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



72.0920, 47.2826, -45.6847



181.9990, 18.2415, -17.5391



116.6800, -5.2652, -84.7884



87.5070, 11.0890, -10.0916



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



72.0920, 47.2826, -45.6847



77.2090, 69.9030, -67.7123



40.4600, 62.8772, -7.4194



78.6730, 2.6262, -2.3442



52.0920, 47.2826, -45.6847



6.9760, 6.4208, -6.1180

Inverse Universe

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



71.0920, 4.3916, 84.9883



75.6270, 6.5929, 125.7381



147.5400, -62.8772, 7.4194



78.7340, 0.1311, 4.6183



51.0920, 4.3916, 84.9883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 72.0920, 47.2826, -45.6847 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 ✓ Pass

Black Background



This preview shows how the YUV color 72.0920, 47.2826, -45.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

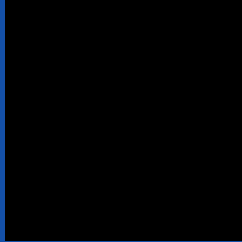
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.0920, 47.2826, -45.6847

Background



This preview shows how black text looks on a background with the YUV color 72.0920, 47.2826, -45.6847.



This preview shows how white text looks on a background with the YUV color 72.0920, 47.2826, -45.6847.

-45.6847.

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

72.0920, 47.2826, -45.6847

Protanopia

71.7930, 47.4301, -46.2995

Deuteranopia

66.6530, 39.6111, -58.4547



Tritanopia

65.1760, 16.1822, -57.1594

Trichromacy



Original Color

72.0920, 47.2826, -45.6847

Protanomaly

71.7930, 47.4301, -46.2995

Deuteranomaly

68.4840, 42.6524, -53.9215

Tritanomaly

67.7710, 27.2279, -53.2962

Monochromacy



Original Color

72.0920, 47.2826, -45.6847

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0700, 17.2205, -16.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0920, 47.2826, -45.6847 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(20, 80, 168)` looks like.

```
.text, #text, p{  
    color:rgb(20, 80, 168)  
}
```

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(20, 80, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 80, 168) }
```

Border

The CSS property to change the border of an element to YUV 72.0920, 47.2826, -45.6847 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(20, 80, 168) }
```


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

```
.border{ border-color:rgb(20, 80, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 80, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 80, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 80, 168);  
box-shadow:4px 4px 4px 4px rgb(20, 80,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 72.0920, 47.2826, -45.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 80, 168) }
```

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

```
.background{ background-color: rgb(20, 80,  
168) }
```

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