

Converting Colors

YUV(91.6120, 72.1693,
-47.8947)

Have a look what the booklet for
YUV(91.6120, 72.1693, -47.8947)
contains.

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Color

**YUV(91.6120, 72.1693,
-47.8947)**

Conversions

Conversions Part 1

Format	Color
Hex	255BEE
RGB	37, 91, 238
RGB Percent	15%, 36%, 93%
CMY	0.8549, 0.6431, 0.0667
CMYK	0.84, 0.62, 0.00, 0.07
HSL	224°, 86%, 54%
HSV	224°, 84%, 93%
XYZ	19.9367, 14.0485, 82.5498
YIQ	91.6120, -79.3710, 34.2690

Conversions

Conversions Part 2

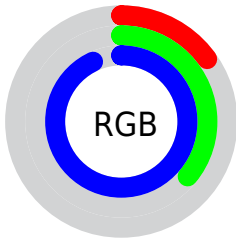
Format	Color
R _Y B	37, 80, 238
Decimal	2448366
CIE Lab	44.30, 37.16, -78.40
CIE LCh	44, 86.758, 295.358
Yxy	14.0485, 0.1711, 0.1206
Android (android.graphics.Color)	4280638446 (0xFF255BEE)
YUV	91.6120, 72.1693, -47.8947
Hunter-Lab	37.4814, 29.3532, -104.3446

Details

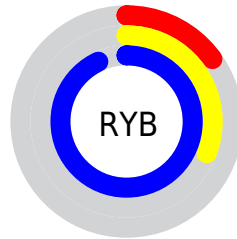
The YUV color **91.6120, 72.1693, -47.8947** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **183.3880, -72.1693, 47.8947**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4180, 53.0379, -24.9226**, and **47.6360, 65.7485, -41.7768** is the 20% darker color. If you saturate the color by 10%, you get **74.4570, 80.6267, -53.8978**, and if you desaturate by 10%, it is **108.7670, 63.7119, -41.8917**.

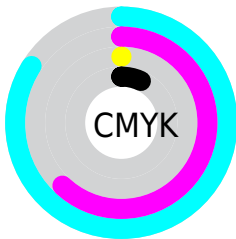
Distribution



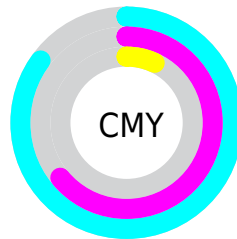
- Red (15%)
- Green (36%)
- Blue (93%)



- Red (15%)
- Yellow (31%)
- Blue (93%)



- Cyan (84%)
- Magenta (62%)
- Yellow (0%)
- Black (7%)



- Cyan (85%)
- Magenta (64%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6120, 72.1693, -47.8947 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 91.6120, 72.1693, -47.8947 by changing the saturation by 10% instead.

■ 91.6120, 72.1693,
-47.8947

■ 91.6120, 72.1693,
-47.8947

■ 255.0000, 0.0000,
0.0000

■ 63.7420, 71.6122,
-55.9017

■ 147.4180, 53.0379,
-24.9226

■ 47.6360, 65.7485,
-41.7768

■ 172.5470, 40.6493,
-18.0197

■ 33.2910, 59.0165,
-29.1962

■ 197.9640, 28.1187,
-12.2464

■ 20.2340, 52.1426,
-17.7452

■ 223.6690, 15.4462,
-7.6027

■ 15.5090, 41.6541,
-13.6014

■ 249.6730, 2.6262,
-2.3442

■ 13.8330, 30.1553,
-12.1315

■ 8.2760, 21.5559,

-7.2581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 91.6120, 72.1693,
-47.8947

■ 91.6120, 72.1693,
-47.8947

■ 74.4570, 80.6267,
-53.8978

■ 108.7670, 63.7119,
-41.8917

■ 64.7000, 85.4369,
-56.7419

■ 126.5090, 54.9651,
-36.4034

■ 143.3650, 46.6551,
-31.0151

■ 161.1070, 37.9082,
-25.5268

■ 178.2620, 29.4508,
-19.5238

■ 195.4170, 20.9934,
-13.5207

■ 213.1590, 12.2466,
-8.0324

■ 230.0150, 3.9366,
-2.6442

■ 247.7570, -4.8102,
2.8441

Harmonies

Analogous

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



98.5810, 75.6356, -86.4555



91.6120, 72.1693, -47.8947



94.0140, 46.3351, 71.9017

Triad

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



91.6120, 72.1693, -47.8947



91.7310, -45.2234, 85.3049



87.8580, 1.5490, -77.0515

Complementary

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



91.6120, 72.1693, -47.8947



183.3880, -72.1693, 47.8947

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.



75.1360, -37.0420, -65.8943



91.6120, 72.1693, -47.8947



98.7880, -48.7025, 34.3889

Square

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



91.6120, 72.1693, -47.8947



71.3660, -11.0264, 130.3520



89.2990, -44.0244, -19.5562



96.8810, 33.5827, -84.9646

Rectangle

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



91.6120, 72.1693, -47.8947



79.3910, 31.3592, 115.4211



89.2990, -44.0244, -19.5562



84.3070, -9.5184, -73.9372

Sweetspot

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



91.6120, 72.1693, -47.8947



208.2750, 23.0354, -15.1502



171.4030, 4.7313, -117.8714



99.9030, 13.8518, -9.5619



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.



91.6120, 72.1693, -47.8947



69.5730, 91.4155, -61.0155



73.0700, 81.3105, 6.9546



111.1290, 4.3734, -2.7441



49.7390, 66.1907, -43.6211



15.1890, 20.1198, -13.3208

Inverse Universe

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



103.2550, -6.0417, 118.1714



84.1110, -7.4497, 149.8697



201.9300, -81.3105, -6.9546



111.9300, -0.4585, 7.0774



60.6020, -5.7198, 108.2200



18.4540, -1.7028, 32.9278

Previews

White Background



This preview shows how the YUV color 91.6120, 72.1693, -47.8947 looks on a white background.

Color Contrast Check

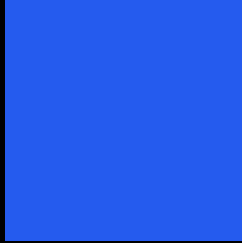
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.6120, 72.1693, -47.8947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

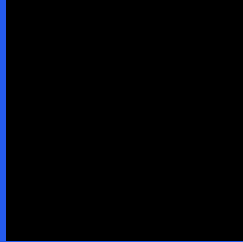
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.6120, 72.1693, -47.8947

Background



This preview shows how black text looks on a background with the YUV color 91.6120, 72.1693, -47.8947.



This preview shows how white text looks on a background with the YUV color 91.6120, 72.1693, -47.8947.

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

91.6120, 72.1693, -47.8947

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.5570, 48.5324, -73.2795



Tritanopia

81.4130, 20.0094, -71.3992

Trichromacy



Original Color

91.6120, 72.1693, -47.8947

Protanomaly

86.0200, 66.5451, -64.0385

Deuteranomaly

86.2020, 57.0884, -64.1982

Tritanomaly

84.8050, 39.0431, -62.9730

Monochromacy



Original Color

91.6120, 72.1693, -47.8947

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0620, 26.0984, -17.5944

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6120, 72.1693, -47.8947 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(37, 91, 238)` looks like.

```
.text, #text, p{  
    color:rgb(37, 91, 238)  
}
```

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(37, 91, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 91, 238) }
```

Border

The CSS property to change the border of an element to YUV 91.6120, 72.1693, -47.8947 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(37, 91, 238) }
```


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

```
.border{ border-color:rgb(37, 91, 238) }
```

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

Here you see how a box with a 4 pixel rgb(37, 91, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 91, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 91, 238);  
box-shadow:4px 4px 4px 4px rgb(37, 91,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 91.6120, 72.1693, -47.8947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 91, 238) }
```

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

```
.background{ background-color: rgb(37, 91,  
238) }
```

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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