

Converting Colors

YUV(107.2250, 72.3601,
-62.4643)

Have a look what the booklet for
YUV(107.2250, 72.3601, -62.4643)
contains.

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Color

**YUV(107.2250, 72.3601,
-62.4643)**

Conversions

Conversions Part 1

Format	Color
Hex	2473FE
RGB	36, 115, 254
RGB Percent	14%, 45%, 100%
CMY	0.8588, 0.5490, 0.0039
CMYK	0.86, 0.55, 0.00, 0.00
HSL	218°, 99%, 57%
HSV	218°, 86%, 100%
XYZ	24.7477, 19.7923, 96.2819
YIQ	107.2250, -91.7030, 26.4810

Conversions

Conversions Part 2

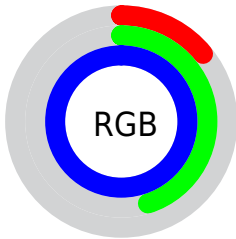
Format	Color
RYB	36, 94, 254
Decimal	2388990
CIELab	51.60, 27.89, -75.41
CIELCh	52, 80.405, 290.297
Yxy	19.7923, 0.1757, 0.1405
Android (android.graphics.Color)	4280579070 (0xFF2473FE)
YUV	107.2250, 72.3601, -62.4643
Hunter-Lab	44.4885, 21.4395, -97.1732

Details

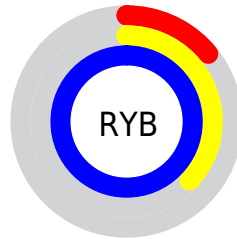
The YUV color **107.2250, 72.3601, -62.4643** is a dark color, and the websafe version is hex **0066FF**. The color can be described as middle washed azure. A complement of this color would be **182.7750, -72.3601, 62.4643**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.6910, 45.5083, -36.5630**, and **62.2600, 65.9338, -54.6020** is the 20% darker color. If you saturate the color by 10%, you get **90.3580, 80.6755, -69.5970**, and if you desaturate by 10%, it is **124.0920, 64.0446, -55.3317**.

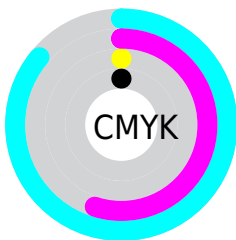
Distribution



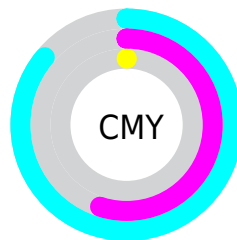
- Red (14%)
- Green (45%)
- Blue (100%)



- Red (14%)
- Yellow (37%)
- Blue (100%)



- Cyan (86%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (86%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2250, 72.3601, -62.4643 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 107.2250, 72.3601, -62.4643 by changing the saturation by 10% instead.

■ 107.2250, 72.3601,
-62.4643

■ 107.2250, 72.3601,
-62.4643

■ 255.0000, 0.0000,
0.0000

■ 79.0670, 71.9450,
-69.3418

■ 162.6910, 45.5083,
-36.5630

■ 62.2600, 65.9338,
-54.6020

■ 188.7060, 32.6829,
-29.5602

■ 46.7410, 59.7807,
-40.9919

■ 214.7100, 19.8630,
-24.3017

■ 33.0970, 53.1962,
-29.0261

■ 240.7140, 7.0430,
-19.0432

■ 16.6320, 48.4954,
-14.5863

■ 253.5050, 0.7370,
-3.0739

■ 17.7770, 35.1129,
-15.5904

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 107.2250, 72.3601,
-62.4643

■ 107.2250, 72.3601,
-62.4643

■ 90.3580, 80.6755,
-69.5970

■ 124.0920, 64.0446,
-55.3317

■ 82.9600, 84.3227,
-72.7559

■ 141.2580, 55.5818,
-47.5843

■ 158.7120, 46.9770,
-40.9664

■ 175.8780, 38.5141,
-33.2190

■ 192.7450, 30.1987,
-26.0864

■ 209.6120, 21.8833,
-18.9537

■ 226.7780, 13.4204,
-11.2063

■ 244.2320, 4.8156,
-4.5885

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



110.0760, 71.4475, -96.5367



107.2250, 72.3601, -62.4643



123.4860, 43.6374, 50.4398

Triad

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



107.2250, 72.3601, -62.4643



110.1850, -53.8282, 91.9228



99.2220, -0.6024, -87.0177

Complementary

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



107.2250, 72.3601, -62.4643



182.7750, -72.3601, 62.4643

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.



86.8250, -35.4097, -76.1455



107.2250, 72.3601, -62.4643



115.9760, -57.1762, 45.6250

Square

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



107.2250, 72.3601, -62.4643



97.0170, -8.3894, 124.5191



110.0530, -54.2561, -4.4315



108.4900, 29.8314, -95.1457

Rectangle

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



107.2250, 72.3601, -62.4643



109.9280, 30.1085, 96.5331



110.0530, -54.2561, -4.4315



95.7850, -11.2330, -84.0034

Sweetspot

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



107.2250, 72.3601, -62.4643



210.6120, 21.8833, -18.9537



179.6980, -2.8091, -126.0231



100.7780, 13.4204, -11.2063



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.



107.2250, 72.3601, -62.4643



83.0740, 84.7595, -72.8559



69.5230, 90.9472, -3.9667



118.8300, 4.5208, -3.3589



62.2770, 63.4604, -54.6169



20.7970, 21.2991, -18.2390

Inverse Universe

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



110.1880, 2.3723, 126.1231



86.7330, 2.5966, 147.5702



220.4770, -90.9472, 3.9667



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 107.2250, 72.3601, -62.4643 looks on a white background.

Color Contrast Check

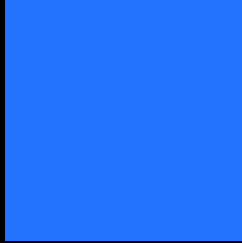
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 107.2250, 72.3601, -62.4643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

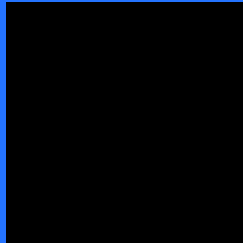
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

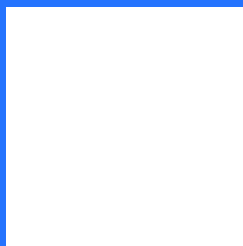
Any Text WCAG AAA × Fail

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

YUV 107.2250, 72.3601, -62.4643 Background



This preview shows how black text looks on a background with the YUV color 107.2250, 72.3601, -62.4643.



This preview shows how white text looks on a background with the YUV color 107.2250, 72.3601, -62.4643.

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

107.2250, 72.3601, -62.4643

Protanopia

97.1790, 75.3408, -85.2260

Deuteranopia

97.8850, 57.7377, -85.8451



Tritanopia

96.2480, 23.5417, -84.4095

Trichromacy



Original Color

107.2250, 72.3601, -62.4643

Protanomaly

100.5930, 74.1507, -76.8191

Deuteranomaly

101.0200, 63.0941, -77.1935

Tritanomaly

99.9990, 41.4125, -76.2981

Monochromacy



Original Color

107.2250, 72.3601, -62.4643

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0290, 26.1147, -22.8274

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2250, 72.3601, -62.4643 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(36, 115, 254)` looks like.

```
.text, #text, p{  
    color:rgb(36, 115, 254)  
}
```

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(36, 115, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 115, 254) }
```

Border

The CSS property to change the border of an element to YUV 107.2250, 72.3601, -62.4643 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(36, 115, 254) }
```


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

```
.border{ border-color:rgb(36, 115, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 115, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 115, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 115, 254);  
box-shadow:4px 4px 4px 4px rgb(36, 115,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 107.2250, 72.3601, -62.4643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 115, 254) }
```

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

```
.background{ background-color: rgb(36, 115,  
254) }
```

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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