

Converting Colors

YUV(150.8270, 40.0183,
91.3597)

Have a look what the booklet for
YUV(150.8270, 40.0183, 91.3597)
contains.

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Color

**YUV(150.8270, 40.0183,
91.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	FF52E8
RGB	255, 82, 232
RGB Percent	100%, 32%, 91%
CMY	0.0000, 0.6784, 0.0902
CMYK	0.00, 0.68, 0.09, 0.00
HSL	308°, 100%, 66%
HSV	308°, 68%, 100%
XYZ	58.8228, 33.1208, 79.6366
YIQ	150.8270, 54.9580, 83.3260

Conversions

Conversions Part 2

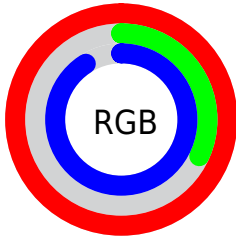
Format	Color
R _Y B	255, 82, 232
Decimal	16732904
CIE _{Lab}	64.26, 80.15, -41.82
CIE _{LCh}	64, 90.406, 332.446
Y _{xy}	33.1208, 0.3428, 0.1930
Android (android.graphics.Color)	4294922984 (0xFFFF52E8)
Y _{UV}	150.8270, 40.0183, 91.3597
Hunter-Lab	57.5507, 81.7320, -41.7580

Details

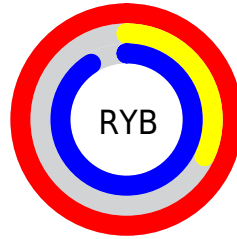
The YUV color **150.8270, 40.0183, 91.3597** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **186.1730, -40.0183, -91.3597**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **78.0700, 48.2795, 101.6706** is the 20% darker color. If you saturate the color by 10%, you get **135.8100, 45.9427, 104.5296**, and if you desaturate by 10%, it is **165.8440, 34.0939, 78.1898**.

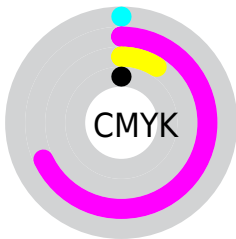
Distribution



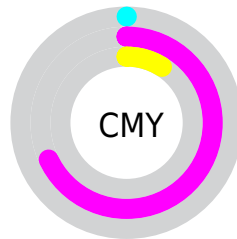
- Red (100%)
- Green (32%)
- Blue (91%)



- Red (100%)
- Yellow (32%)
- Blue (91%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.8270, 40.0183, 91.3597 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 150.8270, 40.0183, 91.3597 by changing the saturation by 10% instead.


 150.8270, 40.0183,
91.3597


 150.8270, 40.0183,
91.3597


255.0000, 0.0000,
0.0000


 117.2340, 42.7756,
93.6338


 189.2560, 32.4118,
57.6575


 78.0700, 48.2795,
101.6706


 206.8660, 23.7301,
42.2135


 66.3210, 40.7607,
86.5415

 224.4760, 15.0483,
26.7695

 54.6860, 33.6788,
71.3124

 242.0860, 6.3666,
11.3256

 43.0510, 26.5969,
56.0833

 31.9430, 20.2411,
41.2690

 20.8350, 13.8853,

26.4547

■ 7.5630, 9.5824,
6.5222

■ 0.0000, 0.0000,
0.0000

■ 150.8270, 40.0183,
91.3597

■ 150.8270, 40.0183,
91.3597

■ 135.8100, 45.9427,
104.5296

■ 165.8440, 34.0939,
78.1898

■ 120.0920, 51.7196,
118.3143

■ 181.5620, 28.3169,
64.4051

■ 105.0750, 57.6440,
131.4842

■ 197.1660, 22.1032,
50.7204

■ 101.4390, 58.9436,
134.6730

■ 212.2970, 16.6156,
37.4505

■ 227.9010, 10.4018,
23.7658

■ 242.9180, 4.4774,
10.5959

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



152.0240, 50.7672, 3.4870



150.8270, 40.0183, 91.3597



118.3410, 17.0869, 119.8499

Triad

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



150.8270, 40.0183, 91.3597



145.4030, -71.6837, 32.0956



139.0040, 50.2840, -121.9065

Complementary

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



150.8270, 40.0183, 91.3597



186.1730, -40.0183, -91.3597

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.



129.7700, 14.9034, -113.8083



150.8270, 40.0183, 91.3597



132.0270, -65.0893, -29.8417

Square

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



150.8270, 40.0183, 91.3597



144.2820, -71.1310, 88.3297



117.1450, -20.7775, -102.7362



136.4910, 58.4249, -119.7026

Rectangle

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



150.8270, 40.0183, 91.3597



122.2780, -10.9831, 116.3972



117.1450, -20.7775, -102.7362



136.1540, 39.3641, -119.4071

Sweetspot

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



150.8270, 40.0183, 91.3597



224.2650, 11.7014, 26.9546



107.7020, 72.6179, -5.0007



109.2330, 6.7871, 16.4587



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.



150.8270, 40.0183, 91.3597



130.4130, 48.1104, 109.2628



141.2510, 3.3273, 99.7579



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Inverse Universe

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



150.8270, 40.0183, 91.3597



130.4130, 48.1104, 109.2628



195.7490, -3.3273, -99.7579



120.1410, 2.8885, 6.8923



76.0330, 44.3537, 100.8261



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 150.8270, 40.0183, 91.3597 looks on a white background.

Color Contrast Check

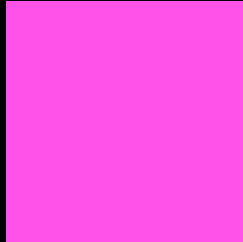
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.8270, 40.0183, 91.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

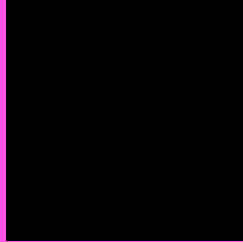
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.8270, 40.0183, 91.3597

Background



This preview shows how black text looks on a background with the YUV color 150.8270, 40.0183, 91.3597.



This preview shows how white text looks on a background with the YUV color 150.8270, 40.0183, 91.3597.

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

150.8270, 40.0183, 91.3597

Protanopia

152.9670, 50.3023, -34.1741

Deuteranopia

155.0600, 32.5084, -20.2236



Tritanopia

154.4830, -15.5211, 78.5064

Trichromacy



Original Color

150.8270, 40.0183, 91.3597



Protanomaly

152.0420, 46.8143, 11.3642



Deuteranomaly

153.7090, 35.1465, 20.4262



Tritanomaly

153.1950, 4.8339, 83.1440

Monochromacy



Original Color

150.8270, 40.0183, 91.3597



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9930, 14.3005, 33.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.8270, 40.0183, 91.3597 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(255, 82, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 232)  
}
```

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(255, 82, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 232) }
```

Border

The CSS property to change the border of an element to YUV 150.8270, 40.0183, 91.3597 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(255, 82, 232) }
```


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

```
.border{ border-color:rgb(255, 82, 232) }
```

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

Here you see how a box with a 4 pixel rgb(255, 82, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 82, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 82, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 82,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 150.8270, 40.0183, 91.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 232) }
```

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

```
.background{ background-color: rgb(255, 82,  
232) }
```

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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