

Converting Colors

YUV(153.8580, 22.7480,
77.3005)

Have a look what the booklet for
YUV(153.8580, 22.7480, 77.3005)
contains.

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Color

**YUV(153.8580, 22.7480,
77.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	F264C8
RGB	242, 100, 200
RGB Percent	95%, 39%, 78%
CMY	0.0510, 0.6078, 0.2157
CMYK	0.00, 0.59, 0.17, 0.05
HSL	318°, 85%, 67%
HSV	318°, 59%, 95%
XYZ	51.6004, 32.1617, 58.1318
YIQ	153.8580, 52.5320, 61.2040

Conversions

Conversions Part 2

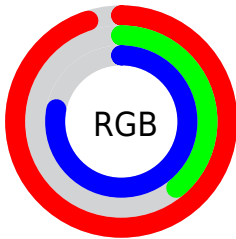
Format	Color
R _Y B	242, 100, 200
Decimal	15885512
CIE Lab	63.48, 65.32, -25.22
CIE LCh	63, 70.018, 338.888
Yxy	32.1617, 0.3637, 0.2267
Android (android.graphics.Color)	4294075592 (0xFFFF264C8)
YUV	153.8580, 22.7480, 77.3005
Hunter-Lab	56.7113, 63.1687, -21.0771

Details

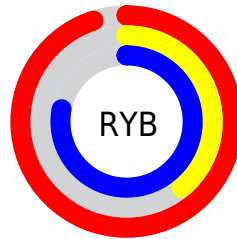
The YUV color **153.8580, 22.7480, 77.3005** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **188.1420, -22.7480, -77.3005**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4740, 28.3603, 50.4503**, and **93.6670, 25.8002, 78.3450** is the 20% darker color. If you saturate the color by 10%, you get **138.9720, 26.6358, 90.3556**, and if you desaturate by 10%, it is **168.7440, 18.8602, 64.2455**.

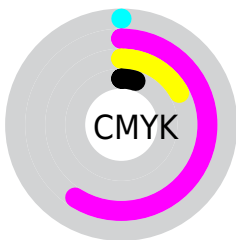
Distribution



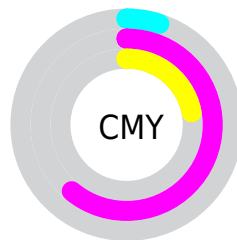
- Red (95%)
- Green (39%)
- Blue (78%)



- Red (95%)
- Yellow (39%)
- Blue (78%)



- Cyan (0%)
- Magenta (59%)
- Yellow (17%)
- Black (5%)





- Cyan (5%)
- Magenta (61%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.8580, 22.7480, 77.3005 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 153.8580, 22.7480, 77.3005 by changing the saturation by 10% instead.


 153.8580, 22.7480,
77.3005


 153.8580, 22.7480,
77.3005


255.0000, 0.0000,
0.0000


 124.7870, 23.7690,
76.4858


 197.4740, 28.3603,
50.4503


 93.6670, 25.8002,
78.3450


 214.4970, 19.9680,
35.5211


 59.7260, 29.7151,
82.6783

 231.5200, 11.5756,
20.5920

 48.2050, 23.0699,
67.3492

 249.1300, 2.8939,
5.1480

 37.0970, 16.7142,
52.5349

 26.7010, 10.5004,
38.8502

 15.9350, 5.4550,

23.7360

■ 0.0000, 0.0000,
0.0000

■ 153.8580, 22.7480,
77.3005

■ 153.8580, 22.7480,
77.3005

■ 138.9720, 26.6358,
90.3556

■ 168.7440, 18.8602,
64.2455

■ 124.0860, 30.5236,
103.4106

■ 183.6300, 14.9724,
51.1905

■ 108.6130, 34.7008,
116.9804

■ 199.1030, 10.7952,
37.6207

■ 93.6130, 38.1518,
130.1354

■ 214.1030, 7.3442,
24.4657

■ 91.7380, 38.5832,
131.7798

■ 228.9890, 3.4564,
11.4106

■ 243.8750, -0.4314,
-1.6444

■ 250.5430, -0.2677,
-7.4922

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



157.3850, 46.6452, 18.9564



153.8580, 22.7480, 77.3005



144.2200, -3.0665, 97.1541

Triad

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



153.8580, 22.7480, 77.3005



142.0920, -70.0514, 21.8443



132.5810, 48.5206, -116.2735

Complementary

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



153.8580, 22.7480, 77.3005



188.1420, -22.7480, -77.3005

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.



126.9150, 21.7339, -111.3045



153.8580, 22.7480, 77.3005



135.6950, -44.7126, -32.1815

Square

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



153.8580, 22.7480, 77.3005



146.7610, -61.0142, 63.3536



117.7440, -5.7898, -103.2615



130.0340, 61.6082, -114.0398

Rectangle

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



153.8580, 22.7480, 77.3005



145.4160, -23.8691, 96.1052



117.7440, -5.7898, -103.2615



131.0020, 39.9320, -114.8888

Sweetspot

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



153.8580, 22.7480, 77.3005



226.4020, 7.1968, 25.0804



128.1480, 56.1290, 10.3942



109.9510, 4.4612, 15.8290



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.



153.8580, 22.7480, 77.3005



144.4720, 28.3613, 96.9331



145.9920, -7.3911, 84.1990



112.5000, 1.7255, 6.5775



69.7220, 29.2241, 100.2218



21.3040, 9.2171, 30.4284

Inverse Universe

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



153.8580, 22.7480, 77.3005



144.4720, 28.3613, 96.9331



196.0080, 7.3911, -84.1990



112.5000, 1.7255, 6.5775



69.7220, 29.2241, 100.2218



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 153.8580, 22.7480, 77.3005 looks on a white background.

Color Contrast Check

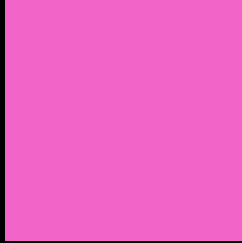
Large Text (above 18pt) WCAG AA × Fail

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 153.8580, 22.7480, 77.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

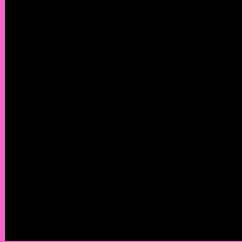
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.8580, 22.7480, 77.3005

Background



This preview shows how black text looks on a background with the YUV color 153.8580, 22.7480, 77.3005.



This preview shows how white text looks on a background with the YUV color 153.8580, 22.7480,

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

153.8580, 22.7480, 77.3005

Protanopia

152.4750, 43.1498, -26.7266

Deuteranopia

155.3750, 18.0561, -4.7139



Tritanopia

153.8950, -13.7522, 71.1291

Trichromacy



Original Color

153.8580, 22.7480, 77.3005



Protanomaly

152.7680, 35.6104, 11.6045



Deuteranomaly

154.4310, 20.0005, 25.0550



Tritanomaly

153.7610, -0.3752, 73.8776

Monochromacy



Original Color

153.8580, 22.7480, 77.3005



Achromatopsia

154.0000, 0.0000, 0.0000



Achromatomaly

153.7660, 8.4964, 28.2692

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8580, 22.7480, 77.3005 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(242, 100, 200)` looks like.

```
.text, #text, p{  
    color:rgb(242, 100, 200)  
}
```

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(242, 100, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 100, 200) }
```

Border

The CSS property to change the border of an element to YUV 153.8580, 22.7480, 77.3005 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(242, 100, 200) }
```


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

```
.border{ border-color:rgb(242, 100, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 100, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 100, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 100, 200);  
box-shadow:4px 4px 4px 4px rgb(242, 100,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 153.8580, 22.7480, 77.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 100, 200) }
```

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

```
.background{ background-color: rgb(242,  
100, 200) }
```

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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