

Converting Colors

YUV(38.6590, 47.4961,
-20.7489)

Have a look what the booklet for
YUV(38.6590, 47.4961, -20.7489)
contains.

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Color

**YUV(38.6590, 47.4961,
-20.7489)**

Conversions

Conversions Part 1

Format	Color
Hex	0F2087
RGB	15, 32, 135
RGB Percent	6%, 13%, 53%
CMY	0.9412, 0.8745, 0.4706
CMYK	0.89, 0.76, 0.00, 0.47
HSL	232°, 80%, 29%
HSV	232°, 89%, 53%
XYZ	5.0867, 2.8839, 23.2102
YIQ	38.6590, -43.1950, 28.4290

Conversions

Conversions Part 2

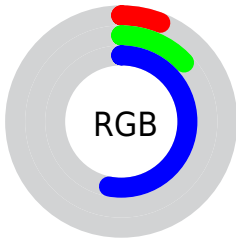
Format	Color
R_{YB}	15, 30, 135
Decimal	991367
CIE _{Lab}	19.57, 35.09, -58.14
CIE _{LCh}	20, 67.911, 301.115
Yxy	2.8839, 0.1631, 0.0925
Android (android.graphics.Color)	4279181447 (0xFF0F2087)
YUV	38.6590, 47.4961, -20.7489
Hunter-Lab	16.9819, 23.7488, -69.1479

Details

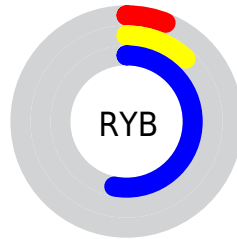
The YUV color **38.6590, 47.4961, -20.7489** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **111.3410, -47.4961, 20.7489**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4590, 47.5947, -5.6645**, and **9.5760, 36.6910, -8.3982** is the 20% darker color. If you saturate the color by 10%, you get **27.7280, 52.8851, -22.5635**, and if you desaturate by 10%, it is **49.8890, 41.9597, -18.3197**.

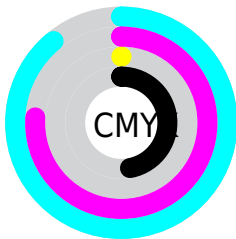
Distribution



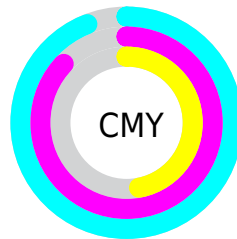
- Red (6%)
- Green (13%)
- Blue (53%)



- Red (6%)
- Yellow (12%)
- Blue (53%)



- Cyan (89%)
- Magenta (76%)
- Yellow (0%)
- Black (47%)



- Cyan (94%)
- Magenta (87%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6590, 47.4961, -20.7489 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 38.6590, 47.4961, -20.7489 by changing the saturation by 10% instead.

■ 38.6590, 47.4961,
-20.7489

■ 38.6590, 47.4961,
-20.7489

■ 255.0000, 0.0000,
0.0000

■ 19.4700, 44.1383,
-17.0752

■ 92.4590, 47.5947,
-5.6645

■ 9.5760, 36.6910,
-8.3982

■ 118.5240, 49.0417,
-3.0905

■ 10.3620, 24.4715,
-9.0875

■ 145.1760, 50.1992,
-1.0314

■ 5.3920, 15.5827,
-4.7288

■ 170.6080, 41.6053,
2.0978

■ 2.0690, 5.3890,
-1.8145

■ 194.5410, 29.8063,
6.5415

■ 0.0000, 0.0000,
0.0000

■ 219.6480, 17.4285,

9.9557

■ 243.2600, 5.7878,
10.2960

■ 38.6590, 47.4961,
-20.7489

■ 38.6590, 47.4961,
-20.7489

■ 27.7280, 52.8851,
-22.5635

■ 49.8890, 41.9597,
-18.3197

■ 26.5430, 53.4693,
-23.2782

■ 60.2330, 36.8601,
-15.9903

■ 71.4630, 31.3237,
-13.5611

■ 81.8070, 26.2241,
-11.2317

■ 93.0370, 20.6878,
-8.8024

■ 103.9680, 15.2988,
-6.9879

■ 114.6110, 10.0518,
-4.0438

■ 125.5420, 4.6628,
-2.2293

■ 136.1850, -0.5842,
0.7148

Harmonies

Analogous

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



49.9720, 49.3138, -43.8254



38.6590, 47.4961, -20.7489



41.7410, 26.7497, 53.7241

Triad

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



38.6590, 47.4961, -20.7489



39.5580, -19.5021, 48.6226



43.0400, 2.4453, -37.7461

Complementary

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



38.6590, 47.4961, -20.7489



111.3410, -47.4961, 20.7489

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.



36.3940, -17.9422, -31.9175



38.6590, 47.4961, -20.7489



44.9310, -22.1510, 11.4615

Square

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



38.6590, 47.4961, -20.7489



35.8800, -17.6888, 73.7732



34.0460, -16.7847, -29.8583



49.4410, 24.4326, -43.3598

Rectangle

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



38.6590, 47.4961, -20.7489



43.7740, 9.9714, 68.6042



34.0460, -16.7847, -29.8583



40.9880, -5.4171, -35.9465

Sweetspot

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



38.6590, 47.4961, -20.7489



137.5810, 18.9406, -8.4025



97.0680, 9.8265, -71.9736



66.5400, 11.0728, -4.8586



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



38.6590, 47.4961, -20.7489



34.7390, 69.6417, -30.4661



41.2380, 46.2247, 13.8233



61.2710, 2.3314, -1.1147



25.3860, 51.5747, -22.2635



0.3420, 1.3104, -0.2999

Inverse Universe

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



52.8180, -10.2633, 72.0736



55.4740, -15.0237, 105.7013



108.7620, -46.2247, -13.8233



61.9080, -0.4476, 3.5887



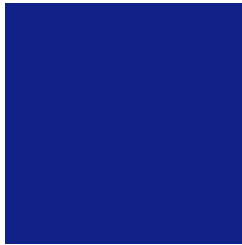
40.9220, -11.3005, 78.1214



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 38.6590, 47.4961, -20.7489 looks on a white background.

Color Contrast Check

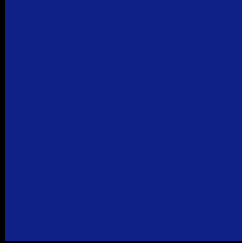
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6590, 47.4961, -20.7489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

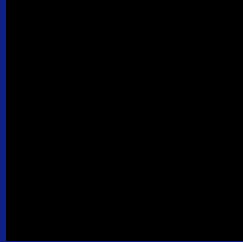
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.6590, 47.4961, -20.7489

Background



This preview shows how black text looks on a background with the YUV color 38.6590, 47.4961, -20.7489.



This preview shows how white text looks on a background with the YUV color 38.6590, 47.4961,

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

38.6590, 47.4961, -20.7489

Protanopia

38.7610, 29.2048, -33.9934

Deuteranopia

38.8120, 21.7847, -34.0381



Tritanopia

38.0820, 8.8336, -33.3979

Trichromacy



Original Color

38.6590, 47.4961, -20.7489

Protanomaly

38.8030, 35.5931, -29.6452

Deuteranomaly

38.3640, 31.3725, -29.2602

Tritanomaly

38.1870, 23.0788, -29.1050

Monochromacy



Original Color

38.6590, 47.4961, -20.7489

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.5380, 17.4828, -7.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6590, 47.4961, -20.7489 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(15, 32, 135)` looks like.

```
.text, #text, p{  
    color:rgb(15, 32, 135)  
}
```

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(15, 32, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 32, 135) }
```

Border

The CSS property to change the border of an element to YUV 38.6590, 47.4961, -20.7489 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(15, 32, 135) }
```


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

```
.border{ border-color:rgb(15, 32, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 32, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 32, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 32, 135);  
box-shadow:4px 4px 4px 4px rgb(15, 32,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 38.6590, 47.4961, -20.7489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 32, 135) }
```

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

```
.background{ background-color: rgb(15, 32,  
135) }
```

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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