

Converting Colors

YUV(70.4820, 53.0064, 32.0263)

Have a look what the booklet for
YUV(70.4820, 53.0064, 32.0263)
contains.

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Color

**YUV(70.4820, 53.0064,
32.0263)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6B1FB2 |
| RGB | 107, 31, 178 |
| RGB Percent | 42%, 12%, 70% |
| CMY | 0.5804, 0.8784, 0.3020 |
| CMYK | 0.40, 0.83, 0.00, 0.30 |
| HSL | 271°, 70%, 41% |
| HSV | 271°, 83%, 70% |
| XYZ | 14.5893, 7.3201, 42.7635 |
| YIQ | 70.4820, -1.8910, 61.8290 |

Conversions

Conversions Part 2

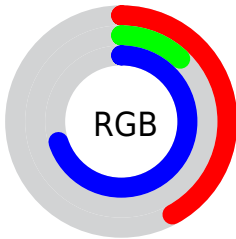
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 107, 31, 178 |
| Decimal | 7020466 |
| CIE _{Lab} | 32.52, 58.55, -62.80 |
| CIE _{LCh} | 33, 85.864, 312.995 |
| Yxy | 7.3201, 0.2256, 0.1132 |
| Android (android.graphics.Color) | 4285210546 (0xFF6B1FB2) |
| YUV | 70.4820, 53.0064, 32.0263 |
| Hunter-Lab | 27.0557, 48.9051, -74.7730 |

Details

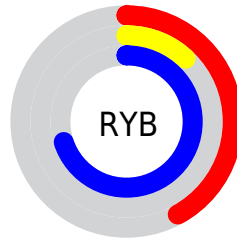
The YUV color **70.4820, 53.0064, 32.0263** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **138.5180, -53.0064, -32.0263**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3080, 53.5852, 33.0559**, and **28.4880, 47.0874, 17.1120** is the 20% darker color. If you saturate the color by 10%, you get **57.2250, 59.5421, 35.7597**, and if you desaturate by 10%, it is **83.7390, 46.4707, 28.2929**.

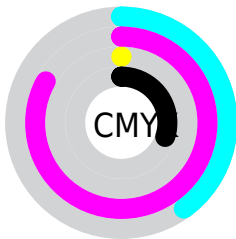
Distribution



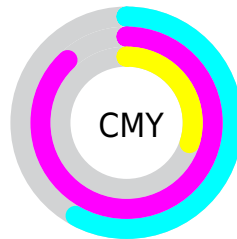
- Red (42%)
- Green (12%)
- Blue (70%)



- Red (42%)
- Yellow (12%)
- Blue (70%)



- Cyan (40%)
- Magenta (83%)
- Yellow (0%)
- Black (30%)



- Cyan (58%)
- Magenta (88%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4820, 53.0064, 32.0263 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 70.4820, 53.0064, 32.0263 by changing the saturation by 10% instead.

70.4820, 53.0064,
32.0263

70.4820, 53.0064,
32.0263

255.0000, 0.0000,
0.0000

40.5360, 54.4588,
32.8559

126.3080, 53.5852,
33.0559

28.4880, 47.0874,
17.1120

153.4070, 50.0853,
35.6001

14.4610, 41.1847,
-3.0353

177.9270, 37.9970,
39.5290

8.3220, 31.8863,
-7.2984

203.3330, 25.4718,
43.5580

8.0480, 20.6823,
-7.0581

220.3670, 17.0741,
30.3731

3.7790, 11.9410,
-3.3142

236.8030, 8.9711,

0.0000, 0.0000,

15.9588

0.0000

254.4130, 0.2894,
0.5148

■ 70.4820, 53.0064,
32.0263

■ 70.4820, 53.0064,
32.0263

■ 57.2250, 59.5421,
35.7597

■ 83.7390, 46.4707,
28.2929

■ 47.8000, 64.1886,
38.7634

■ 96.6970, 40.0824,
23.9447

■ 109.3670, 33.8361,
20.7261

■ 122.3250, 27.4478,
16.3780

■ 135.5820, 20.9121,
12.6446

■ 148.8390, 14.3764,
8.9112

■ 161.7970, 7.9881,
4.5630

■ 174.4670, 1.7418,
1.3444

■ 187.4250, -4.6465,
-3.0037

Harmonies

Analogous

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



70.0680, 70.4655, -61.4496



70.4820, 53.0064, 32.0263



64.5810, 26.3356, 93.3295

Triad

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



70.4820, 53.0064, 32.0263



71.4210, -35.2106, 46.9888



71.3710, 17.0721, -62.5924

Complementary

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



70.4820, 53.0064, 32.0263



138.5180, -53.0064, -32.0263

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.



61.1740, -14.3828, -53.6496



70.4820, 53.0064, 32.0263



68.7540, -33.8957, -1.5383

Square

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



70.4820, 53.0064, 32.0263



49.6340, -24.4696, 102.0530



55.1780, -27.2028, -48.3911



78.6670, 45.0272, -68.9910

Rectangle

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



70.4820, 53.0064, 32.0263



63.6370, 4.6160, 106.4354



55.1780, -27.2028, -48.3911



68.0480, 6.8783, -59.6781

Sweetspot

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



70.4820, 53.0064, 32.0263



189.5820, 20.9121, 12.6446



89.4350, 43.6625, -51.2475



91.3720, 12.6346, 7.5668



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



70.4820, 53.0064, 32.0263



63.8010, 82.9221, 50.1635



91.4830, 41.6669, 75.8754



82.5210, 3.1941, 2.1741



41.0630, 55.1849, 33.2707



6.8510, 9.4405, 5.3927

Inverse Universe

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



83.0470, 9.3438, 83.2738



83.4240, 14.5810, 130.3012



117.5170, -41.6669, -75.8754



83.2610, 0.8573, 5.0331



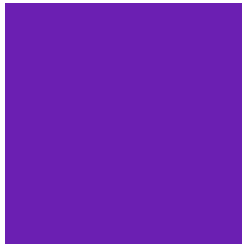
54.1830, 9.7698, 86.6625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 70.4820, 53.0064, 32.0263 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 70.4820, 53.0064, 32.0263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

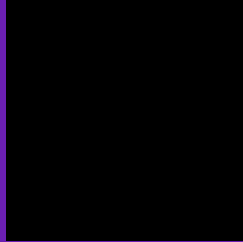
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4820, 53.0064, 32.0263

Background



This preview shows how black text looks on a background with the YUV color 70.4820, 53.0064, 32.0263.



This preview shows how white text looks on a background with the YUV color 70.4820, 53.0064,

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

70.4820, 53.0064, 32.0263

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

61.8770, 36.5426, -54.2661



Tritanopia

78.2720, 0.8519, 6.7775

Trichromacy



Original Color

70.4820, 53.0064, 32.0263

Protanomaly

65.1040, 49.2487, -22.8932

Deuteranomaly

65.2690, 42.2654, -23.0379

Tritanomaly

75.3760, 20.0276, 16.3332

Monochromacy



Original Color

70.4820, 53.0064, 32.0263

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1150, 19.1703, 11.3001

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4820, 53.0064, 32.0263 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(107, 31, 178)` looks like.

```
.text, #text, p{  
    color:rgb(107, 31, 178)  
}
```

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(107, 31, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 31, 178) }
```

Border

The CSS property to change the border of an element to YUV 70.4820, 53.0064, 32.0263 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(107, 31, 178) }
```


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

```
.border{ border-color:rgb(107, 31, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 31, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 31, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 31, 178);  
box-shadow:4px 4px 4px 4px rgb(107, 31,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 70.4820, 53.0064, 32.0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 31, 178) }
```

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

```
.background{ background-color: rgb(107, 31,  
178) }
```

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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