

Converting Colors

YUV(90.1600, 47.7421, -6.2793)

Have a look what the booklet for
YUV(90.1600, 47.7421, -6.2793)
contains.

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Color

**YUV(90.1600, 47.7421,
-6.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	534BBB
RGB	83, 75, 187
RGB Percent	33%, 29%, 73%
CMY	0.6745, 0.7059, 0.2667
CMYK	0.56, 0.60, 0.00, 0.27
HSL	244°, 45%, 51%
HSV	244°, 60%, 73%
XYZ	15.0530, 10.4590, 48.2391
YIQ	90.1600, -31.1840, 36.5280

Conversions

Conversions Part 2

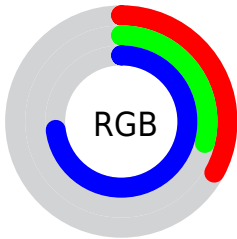
Format	Color
R_{YB}	83, 75, 187
Decimal	5458875
CIE _{Lab}	38.65, 34.94, -58.24
CIE _{LCh}	39, 67.915, 300.964
Yxy	10.4590, 0.2041, 0.1418
Android (android.graphics.Color)	4283648955 (0xFF534BBB)
YUV	90.1600, 47.7421, -6.2793
Hunter-Lab	32.3404, 26.4880, -65.7990

Details

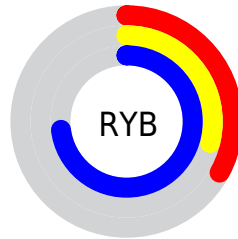
The YUV color **90.1600, 47.7421, -6.2793** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **171.8400, -47.7421, 6.2793**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7630, 49.9098, -1.5462**, and **34.5660, 48.5280, -25.0524** is the 20% darker color. If you saturate the color by 10%, you get **73.9240, 55.7465, -6.9493**, and if you desaturate by 10%, it is **106.3960, 39.7378, -5.6093**.

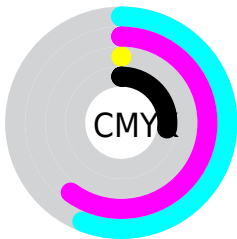
Distribution



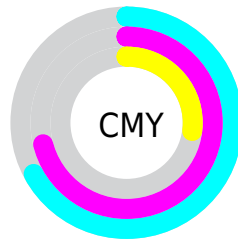
- Red (33%)
- Green (29%)
- Blue (73%)



- Red (33%)
- Yellow (29%)
- Blue (73%)



- Cyan (56%)
- Magenta (60%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.1600, 47.7421, -6.2793 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 90.1600, 47.7421, -6.2793 by changing the saturation by 10% instead.

■ 90.1600, 47.7421,
-6.2793

■ 90.1600, 47.7421,
-6.2793

■ 255.0000, 0.0000,
0.0000

■ 64.1980, 46.7374,
-10.6976

■ 142.7630, 49.9098,
-1.5462

■ 34.5660, 48.5280,
-25.0524

■ 167.9500, 42.9157,
1.7979

■ 18.0680, 43.8435,
-15.8456

■ 192.4700, 30.8273,
5.7268

■ 9.3480, 35.8174,
-8.1982

■ 217.5770, 18.4495,
9.1410

■ 9.5470, 23.8873,
-8.3727

■ 242.0860, 6.3666,
11.3256

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 90.1600, 47.7421,
-6.2793

■ 90.1600, 47.7421,
-6.2793

■ 73.9240, 55.7465,
-6.9493

■ 106.3960, 39.7378,
-5.6093

■ 57.9760, 63.6088,
-8.7490

■ 122.3440, 31.8754,
-3.8097

■ 41.7400, 71.6132,
-9.4190

■ 138.5800, 23.8711,
-3.1397

■ 25.5040, 79.6175,
-10.0890

■ 154.8160, 15.8667,
-2.4696

■ 25.2050, 79.7649,
-10.7038

■ 171.3510, 7.7150,
-1.1848

■ 187.0000, 0.0000,
0.0000

■ 203.5350, -8.1518,
1.2848

■ 219.7710,
-16.1561, 1.9548

■ 235.4200,
-23.8711, 3.1397

Harmonies

Analogous

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



80.6680, 60.3097, -70.7458



90.1600, 47.7421, -6.2793



85.0070, 30.0695, 62.2609

Triad

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



90.1600, 47.7421, -6.2793



84.1900, -41.5057, 59.4694



76.7050, 7.0474, -67.2703

Complementary

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



90.1600, 47.7421, -6.2793



171.8400, -47.7421, 6.2793

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.



68.1040, -18.2923, -59.7272



90.1600, 47.7421, -6.2793



85.7200, -42.2600, 21.2936

Square

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



90.1600, 47.7421, -6.2793



73.1150, -17.3117, 92.8611



76.3080, -37.6198, -20.4411



83.6760, 31.2187, -73.3839

Rectangle

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



90.1600, 47.7421, -6.2793



65.7620, 21.8093, 98.4327



76.3080, -37.6198, -20.4411



74.5390, -1.2517, -65.3707

Sweetspot

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



90.1600, 47.7421, -6.2793



204.7990, 18.3401, -2.4547



149.4030, 18.5353, -65.2514



98.6760, 11.4987, -1.4699



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



90.1600, 47.7421, -6.2793



91.4240, 74.2340, -10.0188



106.6050, 39.6347, 27.5334



86.3250, 3.7838, -0.2850



21.3010, 67.3926, -9.0340



4.1320, 13.2459, -1.8698

Inverse Universe

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



120.3440, 28.9174, 58.4573



138.4940, 45.1125, 90.7748



155.3950, -39.6347, -27.5334



88.7170, 2.6045, 4.6332



64.0000, 40.9190, 82.4380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 90.1600, 47.7421, -6.2793 looks on a white background.

Color Contrast Check

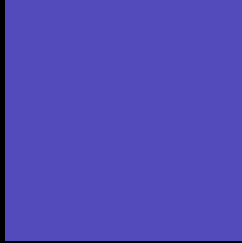
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 90.1600, 47.7421, -6.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

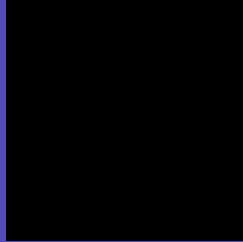
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.1600, 47.7421, -6.2793

Background



This preview shows how black text looks on a background with the YUV color 90.1600, 47.7421, -6.2793.



This preview shows how white text looks on a background with the YUV color 90.1600, 47.7421, -6.2793.

-6.2793.

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

90.1600, 47.7421, -6.2793

Protanopia

72.2730, 56.0674, -63.3834

Deuteranopia

72.9450, 43.4111, -63.9728



Tritanopia

85.4570, 10.1277, -28.4648

Trichromacy



Original Color

90.1600, 47.7421, -6.2793

Protanomaly

78.8950, 52.8028, -42.8809

Deuteranomaly

78.8320, 44.9458, -42.8257

Tritanomaly

87.3560, 23.4885, -20.4832

Monochromacy



Original Color

90.1600, 47.7421, -6.2793

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1580, 17.1771, -2.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1600, 47.7421, -6.2793 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(83, 75, 187)` looks like.

```
.text, #text, p{  
    color:rgb(83, 75, 187)  
}
```

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(83, 75, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 75, 187) }
```

Border

The CSS property to change the border of an element to YUV 90.1600, 47.7421, -6.2793 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(83, 75, 187) }
```


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

```
.border{ border-color:rgb(83, 75, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 75, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 75, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 75, 187);  
box-shadow:4px 4px 4px 4px rgb(83, 75,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 90.1600, 47.7421, -6.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 75, 187) }
```

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

```
.background{ background-color: rgb(83, 75,  
187) }
```

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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