

Converting Colors

YUV(45.4990, 6.6560, 11.8404)

Have a look what the booklet for
YUV(45.4990, 6.6560, 11.8404)
contains.

YUV(45.4990, 6.6560, 11.8404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.4990, 6.6560,
11.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	3B243B
RGB	59, 36, 59
RGB Percent	23%, 14%, 23%
CMY	0.7686, 0.8588, 0.7686
CMYK	0.00, 0.39, 0.00, 0.77
HSL	300°, 24%, 19%
HSV	300°, 39%, 23%
XYZ	3.2239, 2.5073, 4.4517
YIQ	45.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

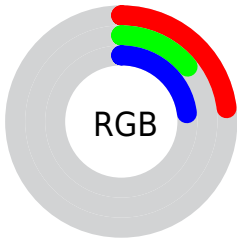
Format	Color
R_{YB}	59, 36, 59
Decimal	3875899
CIE _{Lab}	17.95, 15.51, -10.36
CIE _{LCh}	18, 18.652, 326.250
Yxy	2.5073, 0.3166, 0.2462
Android (android.graphics.Color)	4282065979 (0xFF3B243B)
YUV	45.4990, 6.6560, 11.8404
Hunter-Lab	15.8345, 8.6323, -5.5846

Details

The YUV color **45.4990, 6.6560, 11.8404** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.5010, -6.6560, -11.8404**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.6240, 7.0874, 13.4848**, and **4.8140, 5.5147, 4.5481** is the 20% darker color. If you saturate the color by 10%, you get **41.9770, 8.3923, 14.9292**, and if you desaturate by 10%, it is **49.0210, 4.9196, 8.7516**.

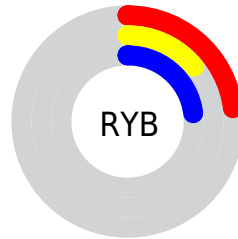
Distribution



Red (23%)

Green (14%)

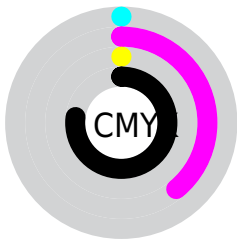
Blue (23%)



Red (23%)

Yellow (14%)

Blue (23%)

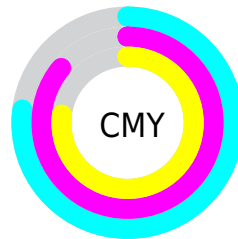


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (77%)



Cyan (77%)

Magenta (86%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.4990, 6.6560, 11.8404 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 45.4990, 6.6560, 11.8404 by changing the saturation by 10% instead.

■ 45.4990, 6.6560,
11.8404

■ 45.4990, 6.6560,
11.8404

■ 255.0000, 0.0000,
0.0000

■ 24.0860, 6.3666,
11.3256

■ 91.6240, 7.0874,
13.4848

■ 4.8140, 5.5147,
4.5481

■ 116.0370, 7.3768,
13.9996

■ 0.0000, 0.0000,
0.0000

■ 142.1510, 7.8136,
13.8996

■ 168.8630, 7.9555,
15.0291

■ 195.8630, 7.9555,
15.0291

■ 223.6890, 8.5343,

16.0587

246.1950, 4.3409,
7.7220

45.4990, 6.6560,
11.8404

45.4990, 6.6560,
11.8404

41.9770, 8.3923,
14.9292

49.0210, 4.9196,
8.7516

38.4550, 10.1287,
18.0180

52.5430, 3.1833,
5.6628

34.9330, 11.8650,
21.1068

56.0650, 1.4470,
2.5740

31.4110, 13.6014,
24.1956

59.5870, -0.2894,
-0.5148

27.8890, 15.3377,
27.2843

63.1090, -2.0257,
-3.6036

■ 24.9540, 16.7847,
29.8583

■ 66.0440, -3.4727,
-6.1776

■ 24.3670, 17.0741,
30.3731

■ 69.5660, -5.2090,
-9.2664

■ 73.0880, -6.9454,
-12.3552

■ 76.6100, -8.6817,
-15.4440

Harmonies

Analogous

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



44.3770, 11.6461, -2.0846



45.4990, 6.6560, 11.8404



44.9470, 0.5191, 20.2175

Triad

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



45.4990, 6.6560, 11.8404



43.2110, -13.4150, 9.4620



36.2070, 9.2649, -31.7535

Complementary

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



45.4990, 6.6560, 11.8404



49.5010, -6.6560, -11.8404

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.



34.7250, 3.5866, -30.4538



45.4990, 6.6560, 11.8404



41.7150, -11.1985, -1.5041

Square

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



45.4990, 6.6560, 11.8404



43.9500, -10.8213, 17.5839



39.1310, -5.4876, -13.2699



36.2870, 14.6485, -31.8237

Rectangle

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



45.4990, 6.6560, 11.8404



44.2200, -3.5595, 21.7321



39.1310, -5.4876, -13.2699



35.7510, 7.5178, -31.3536

Sweetspot

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



45.4990, 6.6560, 11.8404



71.1300, 2.8939, 5.1480



38.6220, 10.0464, -2.2995



35.0650, 1.4470, 2.5740



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



45.4990, 6.6560, 11.8404



55.8680, 10.4181, 18.5328



44.1310, 1.4144, 13.0401



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Inverse Universe

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



45.4990, 6.6560, 11.8404



55.8680, 10.4181, 18.5328



50.7550, -1.8512, -12.9401



29.2390, 0.8682, 1.5444



38.8220, 27.2028, 48.3911



91.6860, 64.2448, 114.2854

Previews

White Background



This preview shows how the YUV color 45.4990, 6.6560, 11.8404 looks on a white background.

Color Contrast Check

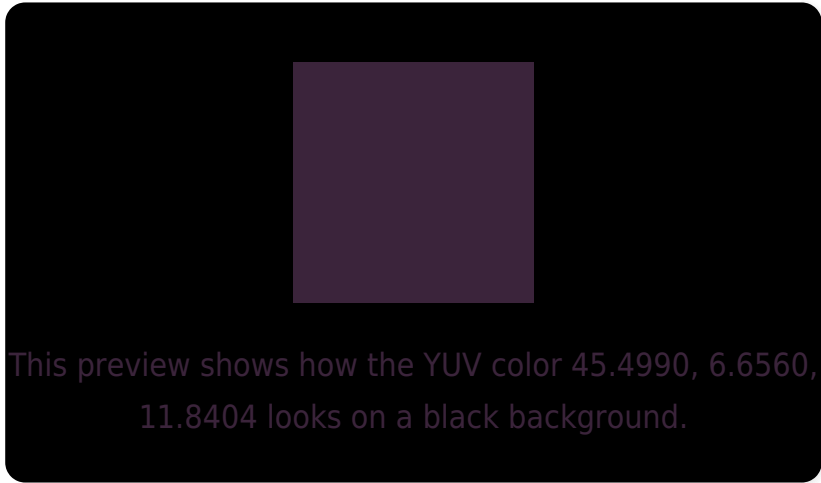
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 45.4990, 6.6560, 11.8404

Background



This preview shows how black text looks on a background with the YUV color 45.4990, 6.6560, 11.8404.



This preview shows how white text looks on a background with the YUV color 45.4990, 6.6560,

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

45.4990, 6.6560, 11.8404

Protanopia

44.3010, 10.2046, -6.4030

Deuteranopia

44.6990, 6.5574, -3.2440



Tritanopia

44.8380, -0.9061, 10.6661

Trichromacy



Original Color

45.4990, 6.6560, 11.8404

Protanomaly

44.7040, 9.0199, 0.2596

Deuteranomaly

45.0310, 6.3937, 2.6038

Tritanomaly

45.2340, 1.8566, 11.1958

Monochromacy



Original Color

45.4990, 6.6560, 11.8404

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.3040, 2.3151, 4.1184

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.4990, 6.6560, 11.8404 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(59, 36, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 36, 59)  
}
```

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(59, 36, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 36, 59) }
```

Border

The CSS property to change the border of an element to YUV 45.4990, 6.6560, 11.8404 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(59, 36, 59) }
```


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

```
.border{ border-color:rgb(59, 36, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 36, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 36, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 36, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 36, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.4990, 6.6560, 11.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 36, 59) }
```

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

```
.background{ background-color: rgb(59, 36,  
59) }
```

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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