

Converting Colors

YUV(45.6420, -20.5295, 4.6990)

Have a look what the booklet for
YUV(45.6420, -20.5295, 4.6990)
contains.

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Color

**YUV(45.6420, -20.5295,
4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	333304
RGB	51, 51, 4
RGB Percent	20%, 20%, 2%
CMY	0.8000, 0.8000, 0.9843
CMYK	0.00, 0.00, 0.92, 0.80
HSL	60°, 85%, 11%
HSV	60°, 92%, 20%
XYZ	2.5710, 3.0802, 0.5739
YIQ	45.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

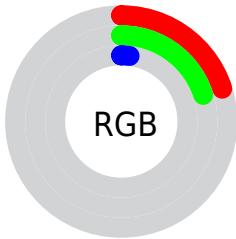
Format	Color
R_YB	4, 51, 4
Decimal	3355396
CIE Lab	20.36, -6.64, 26.90
CIE LCh	20, 27.707, 103.872
Yxy	3.0802, 0.4130, 0.4948
Android (android.graphics.Color)	4281545476 (0xFF333304)
YUV	45.6420, -20.5295, 4.6990
Hunter-Lab	17.5506, -4.5651, 10.3466

Details

The YUV color **45.6420, -20.5295, 4.6990** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.3580, 20.5295, -4.6990**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.2400, -20.8243, 5.9285**, and **1.1740, -0.5788, -1.0296** is the 20% darker color. If you saturate the color by 10%, you get **45.1860, -22.2767, 5.0989**, and if you desaturate by 10%, it is **46.2120, -18.3455, 4.1991**.

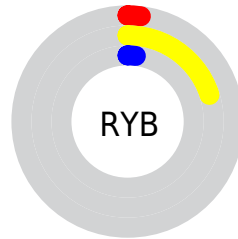
Distribution



Red (20%)

Green (20%)

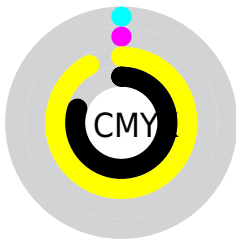
Blue (2%)



Red (2%)

Yellow (20%)

Blue (2%)

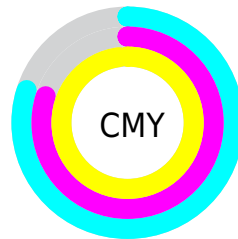


Cyan (0%)

Magenta (0%)

Yellow (92%)

Black (80%)



Cyan (80%)


Magenta (80%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 45.6420, -20.5295, 4.6990 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 45.6420, -20.5295, 4.6990 by changing the saturation by 10% instead.


 45.6420, -20.5295,
4.6990


 45.6420, -20.5295,
4.6990

 252.3780,
-10.0464, 2.2995


 26.2810, -12.9565,
2.3846

 92.2400, -20.8243,
5.9285


 1.1740, -0.5788,
-1.0296

 117.3110,
-21.8453, 6.7433

 0.0000, 0.0000,
0.0000


 143.1970,
-22.2821, 6.8432


 169.3820,
-22.8663, 7.5580


 197.1540,
-23.7399, 7.7579


 225.3390,


-24.3241, 8.4727


 249.0720,
-22.7135, 5.1989


 45.6420, -20.5295,
4.6990


 45.6420, -20.5295,
4.6990


 45.1860, -22.2767,
5.0989

 46.2120, -18.3455,
4.1991

 46.7820, -16.1615,
3.6992

 47.3520, -13.9775,
3.1993

 47.9220, -11.7935,
2.6994

 48.4920, -9.6096,
2.1995

■ 49.1760, -6.9888,
1.5996

■ 49.7460, -4.8048,
1.0998

■ 50.3160, -2.6208,
0.5999

■ 50.8860, -0.4368,
0.1000

Harmonies

Analogous

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



47.1430, -20.2835, 19.1686



45.6420, -20.5295, 4.6990



43.2960, -12.4709, -13.4146

Triad

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



45.6420, -20.5295, 4.6990



42.8240, 16.8488, -37.5566



49.6580, 5.5916, 26.6099

Complementary

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



45.6420, -20.5295, 4.6990



9.3580, 20.5295, -4.6990

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.



51.0240, 13.7922, 9.6260



45.6420, -20.5295, 4.6990



41.7300, 22.8111, -36.5972

Square

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



45.6420, -20.5295, 4.6990



41.2450, 8.2602, -36.1719



46.6940, 20.8569, -16.3946



47.8840, -3.8868, 33.4277

Rectangle

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



45.6420, -20.5295, 4.6990



37.7650, -3.8281, -32.2429



46.6940, 20.8569, -16.3946



50.3200, 8.2232, 22.5214

Sweetspot

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



45.6420, -20.5295, 4.6990



63.9480, -7.8624, 1.7996



18.0530, -6.9281, 28.8945



31.7460, -4.8048, 1.0998



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



45.6420, -20.5295, 4.6990



58.4760, -28.8287, 6.5985



38.7650, -17.1391, -9.4409



25.6580, -1.3104, 0.2999



78.8540, -38.8750, 8.8980



192.2620, -94.7852, 21.6952

Inverse Universe

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



9.3580, 20.5295, -4.6990



7.5240, 28.8287, -6.5985



16.5340, 16.9917, 10.0557



23.3420, 1.3104, -0.2999



10.1460, 38.8750, -8.8980



24.7380, 94.7852, -21.6952

Previews

White Background



This preview shows how the YUV color 45.6420, -20.5295, 4.6990 looks on a white background.

Color Contrast Check

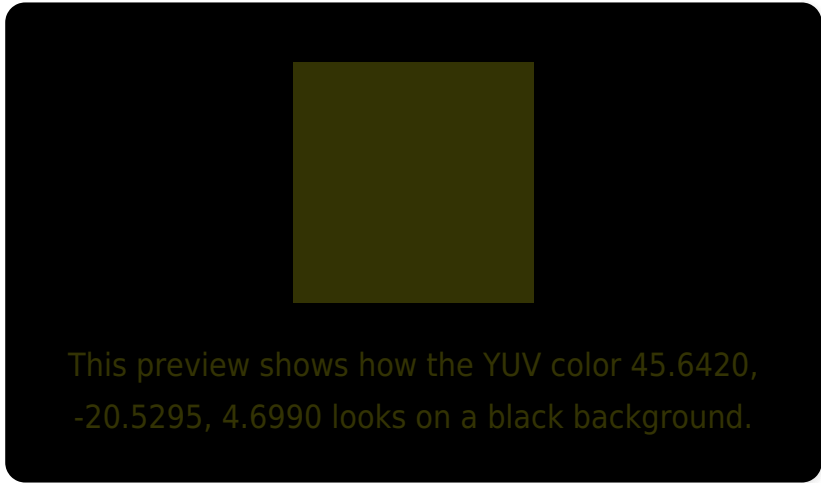
Large Text (above 18pt) WCAG AA ✓ Pass

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

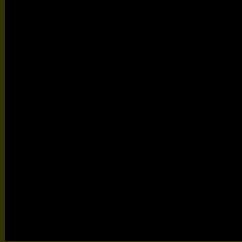
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.6420, -20.5295, 4.6990

Background



This preview shows how black text looks on a background with the YUV color 45.6420, -20.5295, 4.6990.



This preview shows how white text looks on a background with the YUV color 45.6420, -20.5295,

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

45.6420, -20.5295, 4.6990

Protanopia

45.8490, -21.1246, 8.9024

Deuteranopia

47.0390, -19.2462, 13.1208



Tritanopia

49.5490, 0.7153, 3.9035

Trichromacy



Original Color

45.6420, -20.5295, 4.6990

Protanomaly

45.8380, -21.1191, 7.1581

Deuteranomaly

46.3160, -19.3828, 10.2469

Tritanomaly

47.8990, -6.8522, 4.4736

Monochromacy



Original Color

45.6420, -20.5295, 4.6990

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.6420, -20.5295, 4.6990 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(51, 51, 4)` looks like.

```
.text, #text, p{  
    color:rgb(51, 51, 4)  
}
```

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(51, 51, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 51, 4) }
```

Border

The CSS property to change the border of an element to YUV 45.6420, -20.5295, 4.6990 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(51, 51, 4) }
```


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

```
.border{ border-color:rgb(51, 51, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 51, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 51, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 51, 4); box-shadow:4px  
4px 4px 4px rgb(51, 51, 4) }
```

Background

The CSS property to change the background color of an element to YUV 45.6420, -20.5295, 4.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 51, 4) }
```

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

```
.background{ background-color: rgb(51, 51,  
4) }
```

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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