

Converting Colors

YUV(64.6420, -20.5295, 4.6990)

Have a look what the booklet for
YUV(64.6420, -20.5295, 4.6990)
contains.

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Color

**YUV(64.6420, -20.5295,
4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	464617
RGB	70, 70, 23
RGB Percent	27%, 27%, 9%
CMY	0.7255, 0.7255, 0.9098
CMYK	0.00, 0.00, 0.67, 0.73
HSL	60°, 51%, 18%
HSV	60°, 67%, 27%
XYZ	4.8706, 5.7443, 1.6627
YIQ	64.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

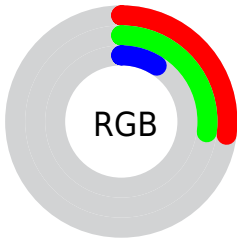
Format	Color
RYB	23, 70, 23
Decimal	4605463
CIELab	28.76, -7.21, 27.55
CIElCh	29, 28.477, 104.656
Yxy	5.7443, 0.3967, 0.4679
Android (android.graphics.Color)	4282795543 (0xFF464617)
YUV	64.6420, -20.5295, 4.6990
Hunter-Lab	23.9672, -5.6680, 12.6640

Details

The YUV color **64.6420, -20.5295, 4.6990** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **28.3580, 20.5295, -4.6990**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8980, -22.1347, 6.2285**, and **23.0250, -11.3513, 0.8551** is the 20% darker color. If you saturate the color by 10%, you get **63.8440, -23.5871, 5.3988**, and if you desaturate by 10%, it is **65.4400, -17.4719, 3.9991**.

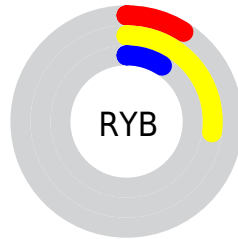
Distribution



Red (27%)

Green (27%)

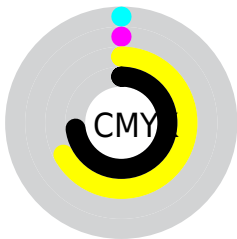
Blue (9%)



Red (9%)

Yellow (27%)

Blue (9%)

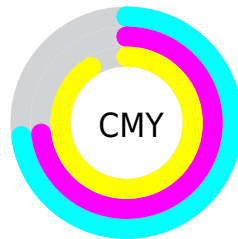


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (73%)



Cyan (73%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.6420, -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 64.6420, -20.5295, 4.6990 by changing the saturation by 10% instead.

■ 64.6420, -20.5295,
4.6990

■ 64.6420, -20.5295,
4.6990

■ 255.0000, 0.0000,
0.0000

■ 42.2290, -20.8189,
4.1842

■ 112.8980,
-22.1347, 6.2285

■ 23.0250, -11.3513,
0.8551

■ 138.7840,
-22.5715, 6.3284

■ 0.0000, 0.0000,
0.0000

■ 164.9690,
-23.1557, 7.0432

■ 192.0400,
-24.1767, 7.8579

■ 219.9260,
-24.6135, 7.9579

■ 247.9150,

-24.6081, 6.2135

251.6940,
-12.6671, 2.8994

64.6420, -20.5295,
4.6990

64.6420, -20.5295,
4.6990

63.8440, -23.5871,
5.3988

65.4400, -17.4719,
3.9991

63.0460, -26.6447,
6.0987

66.2380, -14.4143,
3.2993

62.2480, -29.7023,
6.7985

67.0360, -11.3567,
2.5994

62.0200, -30.5759,
6.9985

67.8340, -8.2992,
1.8996

68.6320, -5.2416,
1.1997

■ 69.4300, -2.1840,
0.4999

■ 70.2280, 0.8736,
-0.2000

■ 71.0260, 3.9312,
-0.8998

■ 71.8240, 6.9888,
-1.5996

Harmonies

Analogous

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



66.6270, -21.0151, 20.4981



64.6420, -20.5295, 4.6990



61.4700, -13.0497, -14.4442

Triad

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



64.6420, -20.5295, 4.6990



56.3710, 20.5231, -49.4374



68.9680, 5.4388, 28.9691

Complementary

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



64.6420, -20.5295, 4.6990



28.3580, 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.



70.1490, 14.2235, 11.2703



64.6420, -20.5295, 4.6990



55.3910, 26.9222, -48.5779

Square

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



64.6420, -20.5295, 4.6990



55.2650, 11.2084, -48.4674



65.9330, 21.7250, -14.8502



67.9660, -4.9132, 35.9868

Rectangle

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



64.6420, -20.5295, 4.6990



57.2490, -4.5598, -30.9134



65.9330, 21.7250, -14.8502



69.7440, 8.5072, 24.7805

Sweetspot

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



64.6420, -20.5295, 4.6990



89.8340, -8.2992, 1.8996



37.0530, -6.9281, 28.8945



44.7460, -4.8048, 1.0998



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



64.6420, -20.5295, 4.6990



83.4500, -32.7599, 7.4983



57.7650, -17.1391, -9.4409



35.5440, -1.7472, 0.3999



87.7140, -43.2430, 9.8978



201.1220, -99.1531, 22.6950

Inverse Universe

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



28.3580, 20.5295, -4.6990



25.5500, 32.7599, -7.4983



35.5340, 16.9917, 10.0557



32.4560, 1.7472, -0.3999



11.2860, 43.2430, -9.8978



25.8780, 99.1531, -22.6950

Previews

White Background



This preview shows how the YUV color 64.6420, -20.5295, 4.6990 looks on a white background.

Color Contrast Check

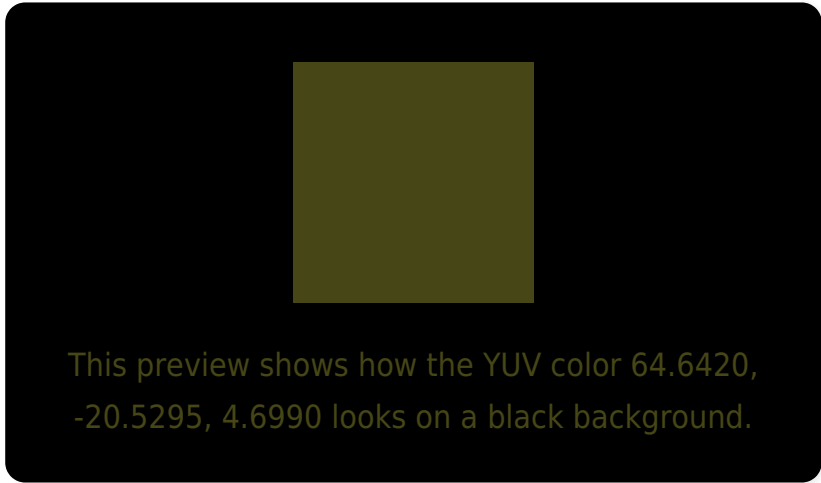
Large Text (above 18pt) WCAG AA ✓ Pass

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

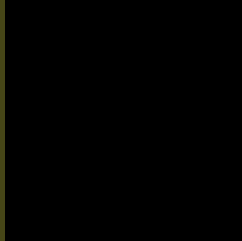
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.6420, -20.5295, 4.6990

Background



This preview shows how black text looks on a background with the YUV color 64.6420, -20.5295, 4.6990.



This preview shows how white text looks on a background with the YUV color 64.6420, -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

64.6420, -20.5295, 4.6990

Protanopia

65.1480, -21.2720, 9.5172

Deuteranopia

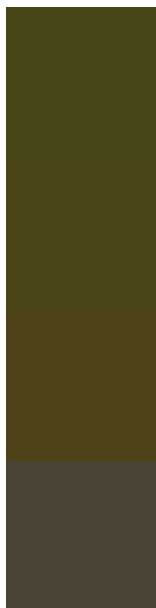
65.8330, -20.1307, 16.8095



Tritanopia

68.3750, 1.2941, 4.9331

Trichromacy



Original Color

64.6420, -20.5295, 4.6990

Protanomaly

65.1370, -21.2665, 7.7729

Deuteranomaly

65.3980, -20.4092, 12.8060

Tritanomaly

67.3120, -6.5628, 4.9884

Monochromacy



Original Color

64.6420, -20.5295, 4.6990

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.6420, -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(70, 70, 23)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 23)  
}
```

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(70, 70, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 23) }
```

Border

The CSS property to change the border of an element to YUV 64.6420, -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(70, 70, 23) }
```


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

```
.border{ border-color:rgb(70, 70, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 70, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 70, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 70, 23);  
box-shadow:4px 4px 4px 4px rgb(70, 70, 23)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.6420, -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(70, 70, 23) }
```

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

```
.background{ background-color: rgb(70, 70,  
23) }
```

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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