

Converting Colors

YUV(71.8200, -14.2083,
-62.9861)

Have a look what the booklet for
YUV(71.8200, -14.2083, -62.9861)
contains.

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Color

**YUV(71.8200, -14.2083,
-62.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	00722B
RGB	0, 114, 43
RGB Percent	0%, 45%, 17%
CMY	1.0000, 0.5529, 0.8314
CMYK	1.00, 0.00, 0.62, 0.55
HSL	143°, 100%, 22%
HSV	143°, 100%, 45%
XYZ	6.4534, 12.2090, 4.3020
YIQ	71.8200, -45.1530, -46.2490

Conversions

Conversions Part 2

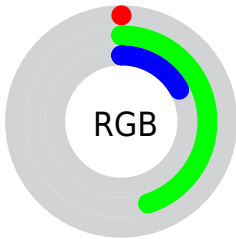
Format	Color
RYB	0, 83, 114
Decimal	29227
CIELab	41.55, -44.07, 31.10
CIELCh	42, 53.935, 144.787
Yxy	12.2090, 0.2810, 0.5317
Android (android.graphics.Color)	4278219307 (0xFF00722B)
YUV	71.8200, -14.2083, -62.9861
Hunter-Lab	34.9414, -28.1802, 17.1593

Details

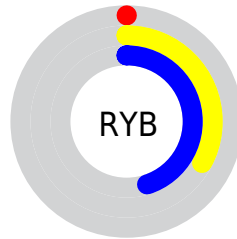
The YUV color **71.8200, -14.2083, -62.9861** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **42.1800, 14.2083, 62.9861**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8280, -19.6352, -48.9612**, and **37.5680, -18.5210, -32.9471** is the 20% darker color. If you saturate the color by 10%, you get **71.8200, -14.2083, -62.9861**, and if you desaturate by 10%, it is **75.9070, -12.7722, -56.9234**.

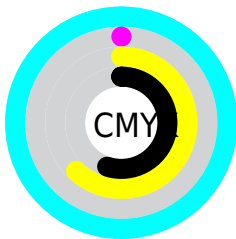
Distribution



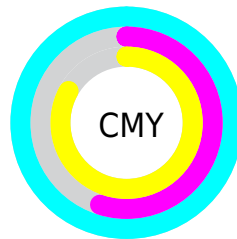
- Red (0%)
- Green (45%)
- Blue (17%)



- Red (0%)
- Yellow (33%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.8200, -14.2083, -62.9861 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 71.8200, -14.2083, -62.9861 by changing the saturation by 10% instead.

■ 71.8200, -14.2083,
-62.9861

■ 71.8200, -14.2083,
-62.9861

255.0000, 0.0000,
0.0000

■ 54.4090, -17.4566,
-47.7167

■ 130.8280,
-19.6352, -48.9612

■ 37.5680, -18.5210,
-32.9471

■ 158.4860,
-20.9456, -48.6612

■ 25.2410, -12.4438,
-22.1364

■ 185.9590,
-21.6718, -49.0760

■ 6.4570, -3.1833,
-5.6628

■ 214.7310,
-22.5454, -48.8761

■ 0.0000, 0.0000,
0.0000

■ 228.0560,
-15.3106, -36.0061

■ 239.9190, -7.3551,

-20.9770

251.8960, 1.0373,
-6.0478

71.8200, -14.2083,
-62.9861

75.9070, -12.7722,
-56.9234

80.2930, -11.4834,
-50.2460

84.3800, -10.0473,
-44.1833

88.7660, -8.7586,
-37.5058

92.9670, -6.8857,
-31.5431

■ 97.0540, -5.4496,
-25.4804

■ 101.4400, -4.1609,
-18.8029

■ 105.5270, -2.7248,
-12.7402

■ 109.9130, -1.4361,
-6.0627

Harmonies

Analogous

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



87.0390, -42.9102, -3.5422



71.8200, -14.2083, -62.9861



79.4120, 4.7269, -69.6443

Triad

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



71.8200, -14.2083, -62.9861



83.5400, 51.0058, -73.2646



91.9060, -13.7577, 72.8734

Complementary

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



71.8200, -14.2083, -62.9861



42.1800, 14.2083, 62.9861

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.



93.6770, 7.0612, 68.6893



71.8200, -14.2083, -62.9861



97.1560, 40.3491, -15.0458

Square

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



71.8200, -14.2083, -62.9861



86.8850, 40.9757, -76.1981



99.7730, 24.7619, 37.9101



93.5900, -34.8009, 55.6106

Rectangle

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



71.8200, -14.2083, -62.9861



82.8320, 17.8308, -72.6437



99.7730, 24.7619, 37.9101



91.4530, -6.6323, 74.1477

Sweetspot

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



71.8200, -14.2083, -62.9861



131.6520, -5.7444, -24.2508



88.4460, -43.6039, -14.4231



63.9890, -3.4456, -14.8994



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



71.8200, -14.2083, -62.9861



93.2600, -18.3692, -81.7890



78.2040, 10.2524, -68.5849



53.8640, -0.4260, -3.3887



75.5700, -15.0710, -66.2749



155.5910, -30.8574, -136.4533

Inverse Universe

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



42.1800, 14.2083, 62.9861



54.7400, 18.3692, 81.7890



35.7960, -10.2524, 68.5849



52.2500, 0.8628, 3.2888



44.4300, 15.0710, 66.2749



91.4090, 30.8574, 136.4533

Previews

White Background



This preview shows how the YUV color 71.8200, -14.2083, -62.9861 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 71.8200, -14.2083, -62.9861 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 71.8200, -14.2083, -62.9861

Background



This preview shows how black text looks on a background with the YUV color 71.8200, -14.2083, -62.9861.



This preview shows how white text looks on a background with the YUV color 71.8200, -14.2083, -62.9861.

-62.9861.

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

71.8200, -14.2083, -62.9861

Protanopia

94.4490, -27.8294, 12.7612

Deuteranopia

96.0570, -23.1991, 20.9980



Tritanopia

89.6730, 12.4862, -38.3012

Trichromacy



Original Color

71.8200, -14.2083, -62.9861

Protanomaly

86.2390, -22.7958, -15.1186

Deuteranomaly

87.3690, -19.9019, -9.9706

Tritanomaly

83.3870, 2.7672, -47.6974

Monochromacy



Original Color

71.8200, -14.2083, -62.9861

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7770, -5.3131, -22.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8200, -14.2083, -62.9861 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(0, 114, 43)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 43)  
}
```

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(0, 114, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 43) }
```

Border

The CSS property to change the border of an element to YUV 71.8200, -14.2083, -62.9861 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(0, 114, 43) }
```


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

```
.border{ border-color:rgb(0, 114, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 43);  
box-shadow:4px 4px 4px 4px rgb(0, 114, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.8200, -14.2083, -62.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 43) }
```

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

```
.background{ background-color: rgb(0, 114,  
43) }
```

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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