

Converting Colors

YUV(29.6720, -12.6563, -0.5893)

Have a look what the booklet for
YUV(29.6720, -12.6563, -0.5893)
contains.

YUV(29.6720, -12.6563, -0.5893)	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(29.6720, -12.6563,
-0.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2304
RGB	29, 35, 4
RGB Percent	11%, 14%, 2%
CMY	0.8863, 0.8627, 0.9843
CMYK	0.17, 0.00, 0.89, 0.86
HSL	72°, 79%, 8%
HSV	72°, 89%, 14%
XYZ	1.1296, 1.4720, 0.3395
YIQ	29.6720, 6.3750, -10.9130

Conversions

Conversions Part 2

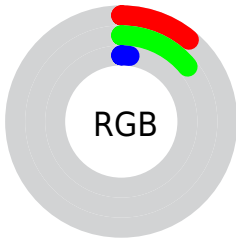
Format	Color
R_{YB}	4, 35, 10
Decimal	1909508
CIE Lab	12.43, -8.43, 16.57
CIE LCh	12, 18.597, 116.972
Yxy	1.4720, 0.3841, 0.5005
Android (android.graphics.Color)	4280099588 (0xFF1D2304)
YUV	29.6720, -12.6563, -0.5893
Hunter-Lab	12.1328, -4.6128, 6.8341

Details

The YUV color **29.6720, -12.6563, -0.5893** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **9.3280, 12.6563, 0.5893**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.9000, -11.7827, -0.7893**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.0310, -13.8193, -0.9042**, and if you desaturate by 10%, it is **30.4270, -11.0565, -0.3745**.

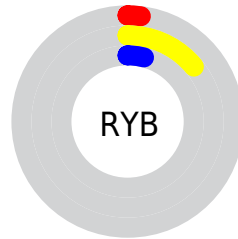
Distribution



Red (11%)

Green (14%)

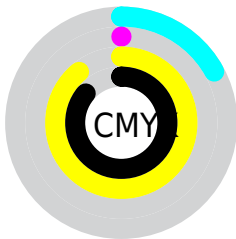
Blue (2%)



Red (2%)

Yellow (14%)

Blue (4%)

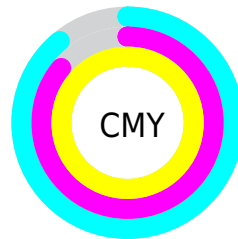


Cyan (17%)

Magenta (0%)

Yellow (89%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.6720, -12.6563, -0.5893 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 29.6720, -12.6563, -0.5893 by changing the saturation by 10% instead.

■ 29.6720, -12.6563,
-0.5893

■ 29.6720, -12.6563,
-0.5893

■ 252.0360,
-11.3567, 2.5994

■ 8.2180, -4.0515,
-7.2072

■ 73.9000, -11.7827,
-0.7893

■ 0.0000, 0.0000,
0.0000

■ 97.7860, -12.2195,
-0.6893


■ 122.5580,
-13.0931, -0.4894


■ 148.4440,
-13.5299, -0.3894


■ 175.0310,
-13.8193, -0.9042


■ 202.9170,


-14.2561, -0.8042


 230.8030,
-14.6929, -0.7042


 29.6720, -12.6563,
-0.5893


 29.6720, -12.6563,
-0.5893


 29.0310, -13.8193,
-0.9042


 30.4270, -11.0565,
-0.3745

 28.9170, -14.2561,
-0.8042

 30.7690, -9.7461,
-0.6744

 31.5240, -8.1463,
-0.4595

 32.1650, -6.9833,
-0.1447

 32.6210, -5.2362,
-0.5446

■ 33.2620, -4.0732,
-0.2298

■ 34.0170, -2.4734,
-0.0149

■ 34.3590, -1.1630,
-0.3148

■ 35.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



30.7550, -15.1622, 9.8619



29.6720, -12.6563, -0.5893



27.3590, -4.6140, -13.4698

Triad

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



29.6720, -12.6563, -0.5893



27.8750, 12.8796, -24.4464



32.6480, 0.6665, 19.6027

Complementary

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



29.6720, -12.6563, -0.5893



9.3280, 12.6563, 0.5893

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.



33.4990, 6.6560, 11.8404



29.6720, -12.6563, -0.5893



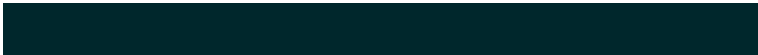
27.1680, 15.2002, -22.0723

Square

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



29.6720, -12.6563, -0.5893



27.9090, 7.9329, -24.4762



33.1490, 10.7725, -1.8847



32.0520, -5.4486, 21.0024

Rectangle

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



29.6720, -12.6563, -0.5893



25.2700, 0.3599, -22.1618



33.1490, 10.7725, -1.8847



33.2070, 2.8559, 17.3585

Sweetspot

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



29.6720, -12.6563, -0.5893



44.0340, -4.9468, -0.0298



16.7910, -6.3060, 15.9693



21.9030, -2.9102, 0.0851



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



29.6720, -12.6563, -0.5893



38.0650, -18.7660, -0.9340



25.1870, -10.4452, -9.8110



17.7720, -0.8736, 0.2000



67.8680, -33.4589, -1.6382



173.2140, -85.3945, -3.6957

Inverse Universe

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



9.3280, 12.6563, 0.5893



7.9350, 18.7660, 0.9340



13.8130, 10.4452, 9.8110



16.2280, 0.8736, -0.2000



14.1320, 33.4589, 1.6382



35.7860, 85.3945, 3.6957

Previews

White Background



This preview shows how the YUV color 29.6720, -12.6563, -0.5893 looks on a white background.

Color Contrast Check

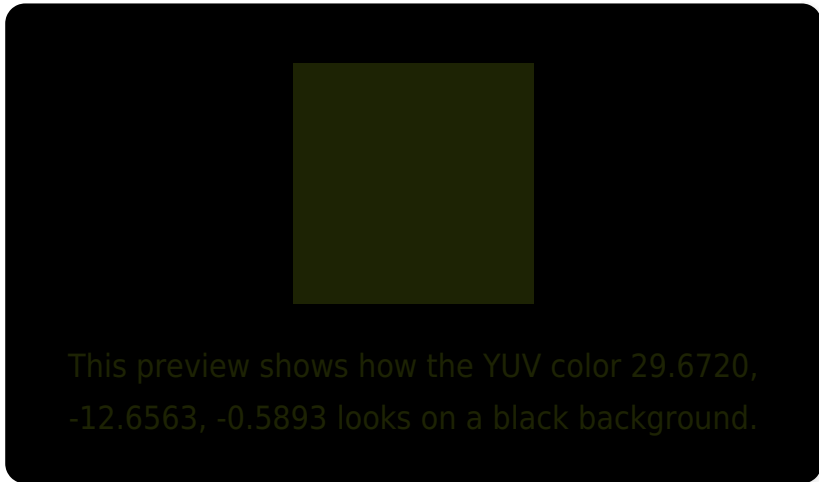
Large Text (above 18pt) WCAG AA ✓ Pass

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

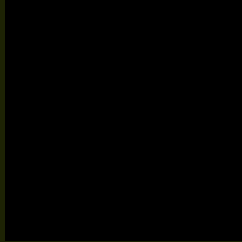
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

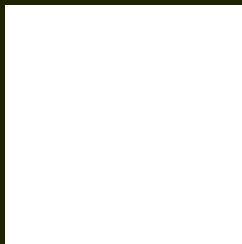
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.6720, -12.6563, -0.5893

Background



This preview shows how black text looks on a background with the YUV color 29.6720, -12.6563, -0.5893.



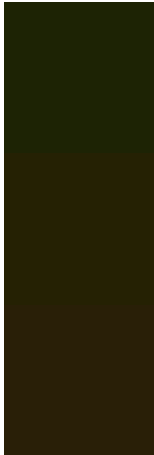
This preview shows how white text looks on a background with the YUV color 29.6720, -12.6563,

-0.5893.

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

29.6720, -12.6563, -0.5893

Protanopia

30.7760, -13.6936, 5.4584

Deuteranopia

31.2540, -11.9572, 8.5472



Tritanopia

32.9290, 1.0210, -0.8147

Trichromacy



Original Color

29.6720, -12.6563, -0.5893

Protanomaly

30.4660, -13.5407, 3.0993

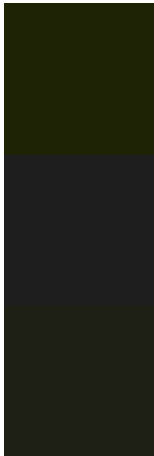
Deuteranomaly

30.5310, -12.0938, 5.6733

Tritanomaly

31.9630, -3.9258, -0.8446

Monochromacy



Original Color

29.6720, -12.6563, -0.5893

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1480, -4.5100, -0.1298

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.6720, -12.6563, -0.5893 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(29, 35, 4)` looks like.

```
.text, #text, p{  
    color:rgb(29, 35, 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(29, 35, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 35, 4) }
```

Border

The CSS property to change the border of an element to YUV 29.6720, -12.6563, -0.5893 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(29, 35, 4) }
```


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

```
.border{ border-color:rgb(29, 35, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 35, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 35, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 35, 4); box-shadow:4px  
4px 4px 4px rgb(29, 35, 4) }
```

Background

The CSS property to change the background color of an element to YUV 29.6720, -12.6563, -0.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 35, 4) }
```

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

```
.background{ background-color: rgb(29, 35,  
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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