

Converting Colors

YUV(95.0850, -29.1289, 9.5725)

Have a look what the booklet for
YUV(95.0850, -29.1289, 9.5725)
contains.

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Color

**YUV(95.0850, -29.1289,
9.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6524
RGB	106, 101, 36
RGB Percent	42%, 40%, 14%
CMY	0.5843, 0.6039, 0.8588
CMYK	0.00, 0.05, 0.66, 0.58
HSL	56°, 49%, 28%
HSV	56°, 66%, 42%
XYZ	10.9160, 12.4989, 3.5063
YIQ	95.0850, 23.8450, -19.1550

Conversions

Conversions Part 2

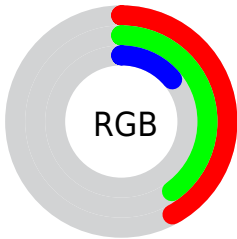
Format	Color
R_{YB}	41, 106, 36
Decimal	6972708
CIE Lab	42.00, -6.95, 36.37
CIE LCh	42, 37.026, 100.823
Yxy	12.4989, 0.4055, 0.4643
Android (android.graphics.Color)	4285162788 (0xFF6A6524)
YUV	95.0850, -29.1289, 9.5725
Hunter-Lab	35.3538, -6.7548, 18.8675

Details

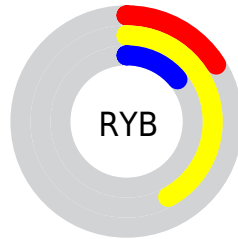
The YUV color **95.0850, -29.1289, 9.5725** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.9150, 29.1289, -9.5725**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3410, -30.7341, 11.1019**, and **49.3280, -24.3187, 6.7283** is the 20% darker color. If you saturate the color by 10%, you get **93.2440, -33.6443, 11.1870**, and if you desaturate by 10%, it is **96.9260, -24.6135, 7.9579**.

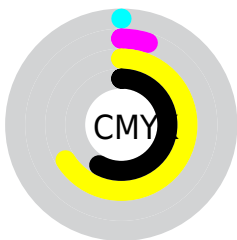
Distribution



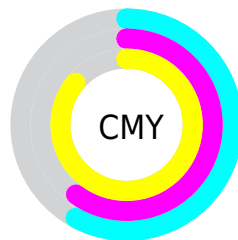
- Red (42%)
- Green (40%)
- Blue (14%)



- Red (16%)
- Yellow (42%)
- Blue (14%)



- Cyan (0%)
- Magenta (5%)
- Yellow (66%)
- Black (58%)



- Cyan (58%)
- Magenta (60%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0850, -29.1289, 9.5725 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 95.0850, -29.1289, 9.5725 by changing the saturation by 10% instead.

95.0850, -29.1289,
9.5725

95.0850, -29.1289,
9.5725

255.0000, 0.0000,
0.0000

70.6720, -29.4183,
9.0577

146.3410,
-30.7341, 11.1019

49.3280, -24.3187,
6.7283

172.8250,
-31.4657, 12.4315

28.9390, -14.2669,
2.6845

200.5970,
-32.3393, 12.6314

7.0440, -3.4727,
-6.1776

228.7820,
-32.9235, 13.3462

0.0000, 0.0000,
0.0000

247.4760,
-28.8287, 6.5985

250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

95.0850, -29.1289,
9.5725

95.0850, -29.1289,
9.5725

93.2440, -33.6443,
11.1870

96.9260, -24.6135,
7.9579

91.5170, -37.7229,
12.7016

98.6530, -20.5349,
6.4433

90.2630, -42.5277,
13.8013

99.9070, -15.7302,
5.3436

89.2200, -43.9855,
14.7161

101.6340,
-11.6516, 3.8290

103.4750, -7.1362,
2.2144

■ 105.3160, -2.6208,
0.5999

■ 106.4560, 1.7472,
-0.3999

■ 108.2970, 6.2626,
-2.0145

■ 110.0240, 10.3412,
-3.5290

Harmonies

Analogous

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



97.1570, -28.1784, 31.4343



95.0850, -29.1289, 9.5725



91.6240, -20.0276, -16.3332

Triad

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



95.0850, -29.1289, 9.5725



82.0630, 27.5769, -71.9693



101.6470, 9.0480, 38.0206

Complementary

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



95.0850, -29.1289, 9.5725



46.9150, 29.1289, -9.5725

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.



102.2830, 21.0595, 12.0298



95.0850, -29.1289, 9.5725



81.1800, 36.8863, -71.1949

Square

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



95.0850, -29.1289, 9.5725



79.4580, 15.0572, -69.6847



95.9730, 31.0723, -26.2863



99.6410, -5.2460, 49.4268

Rectangle

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



95.0850, -29.1289, 9.5725



86.3530, -9.0480, -38.0206



95.9730, 31.0723, -26.2863



102.0420, 13.2903, 30.6582

Sweetspot

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



95.0850, -29.1289, 9.5725



133.6340, -11.6516, 3.8290



57.6140, -7.6977, 42.4345



66.4750, -7.1362, 2.2144



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



95.0850, -29.1289, 9.5725



120.8780, -45.2959, 15.0160



89.3490, -26.3011, -10.8301



52.7290, -2.3314, 1.1147



98.9660, -48.7902, 15.8158



206.5040, -101.8065, 33.7610

Inverse Universe

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



46.9150, 29.1289, -9.5725



46.1220, 45.2959, -15.0160



52.6510, 26.3011, 10.8301



49.2710, 2.3314, -1.1147



18.0340, 48.7902, -15.8158



37.9090, 102.0959, -33.2462

Previews

White Background



This preview shows how the YUV color 95.0850, -29.1289, 9.5725 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 95.0850, -29.1289, 9.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

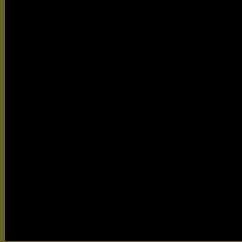
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0850, -29.1289, 9.5725

Background



This preview shows how black text looks on a background with the YUV color 95.0850, -29.1289, 9.5725.



This preview shows how white text looks on a background with the YUV color 95.0850, -29.1289,

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

95.0850, -29.1289, 9.5725

Protanopia

95.4060, -29.2872, 13.6759

Deuteranopia

96.5860, -28.8829, 24.0421



Tritanopia

100.8810, 0.5517, 9.7514

Trichromacy



Original Color

95.0850, -29.1289, 9.5725

Protanomaly

95.3950, -29.2817, 11.9316

Deuteranomaly

96.1400, -29.1560, 18.2942

Tritanomaly

98.7210, -10.2155, 9.8917

Monochromacy



Original Color

95.0850, -29.1289, 9.5725

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0850, -29.1289, 9.5725 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(106, 101, 36)` looks like.

```
.text, #text, p{  
    color:rgb(106, 101, 36)  
}
```

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(106, 101, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 101, 36) }
```

Border

The CSS property to change the border of an element to YUV 95.0850, -29.1289, 9.5725 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(106, 101, 36) }
```


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

```
.border{ border-color:rgb(106, 101, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 101, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 101, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 101, 36);  
box-shadow:4px 4px 4px 4px rgb(106, 101,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 95.0850, -29.1289, 9.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 101, 36) }
```

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

```
.background{ background-color: rgb(106,  
101, 36) }
```

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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