

Converting Colors

YUV(79.7610, -21.0812, -5.0524)

Have a look what the booklet for
YUV(79.7610, -21.0812, -5.0524)
contains.

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Color

**YUV(79.7610, -21.0812,
-5.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5B25
RGB	74, 91, 37
RGB Percent	29%, 36%, 15%
CMY	0.7098, 0.6431, 0.8549
CMYK	0.19, 0.00, 0.59, 0.64
HSL	79°, 42%, 25%
HSV	79°, 59%, 36%
XYZ	6.8991, 9.0716, 3.1376
YIQ	79.7610, 7.2020, -20.3980

Conversions

Conversions Part 2

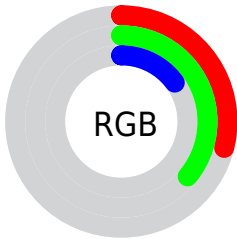
Format	Color
R_{YB}	37, 91, 54
Decimal	4872997
CIE _{Lab}	36.12, -16.09, 28.55
CIE _{LCh}	36, 32.771, 119.408
Yxy	9.0716, 0.3611, 0.4747
Android (android.graphics.Color)	4283063077 (0xFF4A5B25)
YUV	79.7610, -21.0812, -5.0524
Hunter-Lab	30.1191, -11.8213, 14.9069

Details

The YUV color **79.7610, -21.0812, -5.0524** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **48.2390, 21.0812, 5.0524**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4190, -22.3916, -4.7525**, and **35.0860, -17.2974, -5.3374** is the 20% darker color. If you saturate the color by 10%, you get **77.8380, -24.5701, -5.9969**, and if you desaturate by 10%, it is **81.6840, -17.5922, -4.1079**.

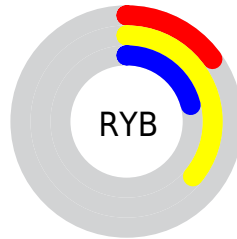
Distribution



Red (29%)

Green (36%)

Blue (15%)



Red (15%)

Yellow (36%)

Blue (21%)

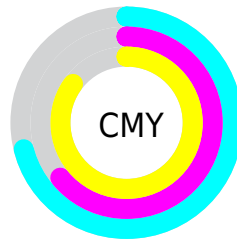


Cyan (19%)

Magenta (0%)

Yellow (59%)

Black (64%)



Cyan (71%)

Magenta (64%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.7610, -21.0812, -5.0524 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 79.7610, -21.0812, -5.0524 by changing the saturation by 10% instead.

■ 79.7610, -21.0812,
-5.0524

■ 79.7610, -21.0812,
-5.0524

255.0000, 0.0000,
0.0000

■ 55.8750, -20.6444,
-5.1524

■ 129.4190,
-22.3916, -4.7525

■ 35.0860, -17.2974,
-5.3374

■ 155.8920,
-23.1178, -5.1673

■ 15.2620, -7.5242,
-13.3848

■ 182.9630,
-24.1388, -4.3526

■ 0.0000, 0.0000,
0.0000

■ 210.5500,
-24.4281, -4.8673

■ 238.7350,
-25.0124, -4.1526

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,
1.0998

79.7610, -21.0812,
-5.0524

79.7610, -21.0812,
-5.0524

77.8380, -24.5701,
-5.9969

81.6840, -17.5922,
-4.1079

75.9150, -28.0591,
-6.9415

83.6070, -14.1033,
-3.1633

73.9920, -31.5481,
-7.8860

85.5300, -10.6143,
-2.2188

72.3680, -35.1844,
-8.2157

87.1540, -6.9779,
-1.8891

71.9550, -35.4738,
-8.7305

89.1910, -3.0522,
-1.0445

■ 91.1140, 0.4368,
-0.1000

■ 93.0370, 3.9258,
0.8446

■ 94.9600, 7.4147,
1.7891

■ 96.8830, 10.9037,
2.7336

Harmonies

Analogous

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



82.0410, -25.6562, 15.7500



79.7610, -21.0812, -5.0524



74.8100, -8.7803, -30.5284

Triad

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



79.7610, -21.0812, -5.0524



70.5850, 29.2916, -61.9030



85.7800, 0.6015, 40.5349

Complementary

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



79.7610, -21.0812, -5.0524



48.2390, 21.0812, 5.0524

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.



87.6670, 11.9962, 25.7250



79.7610, -21.0812, -5.0524



76.5430, 29.8053, -39.9412

Square

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



79.7610, -21.0812, -5.0524



70.0660, 19.6875, -61.4479



86.1350, 22.1184, -0.9954



84.8760, -11.7709, 42.2047

Rectangle

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



79.7610, -21.0812, -5.0524



65.9620, 3.9627, -57.8487



86.1350, 22.1184, -0.9954



86.3820, 4.2487, 37.3760

Sweetspot

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



79.7610, -21.0812, -5.0524



112.8120, -8.2883, -1.5891



62.5380, -12.5902, 24.9612



56.3220, -5.0887, -1.1594



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



79.7610, -21.0812, -5.0524



99.7640, -32.4217, -7.6860



71.9870, -17.2486, -21.0366



44.8320, -1.8892, -0.7297



86.9950, -42.8885, -10.5196



187.5570, -92.4656, -22.4135

Inverse Universe

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



48.2390, 21.0812, 5.0524



51.2360, 32.4217, 7.6860



56.0130, 17.2486, 21.0366



42.1680, 1.8892, 0.7297



23.0050, 42.8885, 10.5196



49.4430, 92.4656, 22.4135

Previews

White Background



This preview shows how the YUV color 79.7610, -21.0812, -5.0524 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



This preview shows how the YUV color 79.7610, -21.0812, -5.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

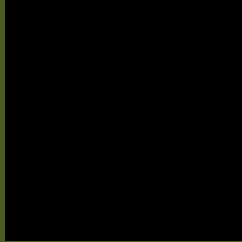
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.7610, -21.0812, -5.0524

Background



This preview shows how black text looks on a background with the YUV color 79.7610, -21.0812, -5.0524.



This preview shows how white text looks on a background with the YUV color 79.7610, -21.0812, -5.0524.

-5.0524.

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

79.7610, -21.0812, -5.0524

Protanopia

81.9910, -23.1666, 10.5319

Deuteranopia

83.5020, -21.4465, 18.8537



Tritanopia

84.6020, 3.6472, -3.1590

Trichromacy



Original Color

79.7610, -21.0812, -5.0524

Protanomaly

81.1860, -22.2767, 5.0989

Deuteranomaly

82.4470, -21.4194, 10.1320

Tritanomaly

82.5990, -5.2253, -4.0333

Monochromacy



Original Color

79.7610, -21.0812, -5.0524

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9260, -7.8515, -1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.7610, -21.0812, -5.0524 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(74, 91, 37)` looks like.

```
.text, #text, p{  
    color:rgb(74, 91, 37)  
}
```

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(74, 91, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 91, 37) }
```

Border

The CSS property to change the border of an element to YUV 79.7610, -21.0812, -5.0524 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(74, 91, 37) }
```


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

```
.border{ border-color:rgb(74, 91, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 91, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 91, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 91, 37);  
box-shadow:4px 4px 4px 4px rgb(74, 91, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 79.7610, -21.0812, -5.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 91, 37) }
```

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

```
.background{ background-color: rgb(74, 91,  
37) }
```

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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