

Converting Colors

YUV(79.5710, -12.6065,
30.1942)

Have a look what the booklet for
YUV(79.5710, -12.6065, 30.1942)
contains.

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Color

**YUV(79.5710, -12.6065,
30.1942)**

Conversions

Conversions Part 1

Format	Color
Hex	724336
RGB	114, 67, 54
RGB Percent	45%, 26%, 21%
CMY	0.5529, 0.7373, 0.7882
CMYK	0.00, 0.41, 0.53, 0.55
HSL	13°, 36%, 33%
HSV	13°, 53%, 45%
XYZ	9.6124, 7.8581, 4.5002
YIQ	79.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

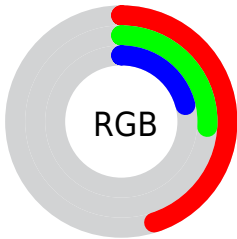
Format	Color
R_{YB}	114, 71, 54
Decimal	7488310
CIE Lab	33.69, 18.79, 16.52
CIE LCh	34, 25.018, 41.312
Yxy	7.8581, 0.4375, 0.3577
Android (android.graphics.Color)	4285678390 (0xFF724336)
YUV	79.5710, -12.6065, 30.1942
Hunter-Lab	28.0322, 12.1524, 10.1044

Details

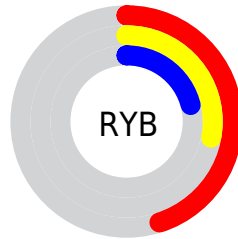
The YUV color **79.5710, -12.6065, 30.1942** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.4290, 12.6065, -30.1942**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8380, -14.2171, 33.4681**, and **33.4780, -11.5747, 25.8908** is the 20% darker color. If you saturate the color by 10%, you get **73.0340, -14.8068, 35.9272**, and if you desaturate by 10%, it is **86.1080, -10.4062, 24.4613**.

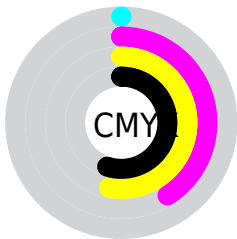
Distribution



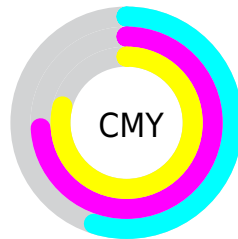
- Red (45%)
- Green (26%)
- Blue (21%)



- Red (45%)
- Yellow (28%)
- Blue (21%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)
- Black (55%)



- Cyan (55%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.5710, -12.6065, 30.1942 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 79.5710, -12.6065, 30.1942 by changing the saturation by 10% instead.

■ 79.5710, -12.6065,
30.1942

■ 79.5710, -12.6065,
30.1942

■ 255.0000, 0.0000,
0.0000

■ 55.9020, -11.2907,
28.1499

■ 129.8380,
-14.2171, 33.4681

■ 33.4780, -11.5747,
25.8908

■ 155.7350,
-14.6594, 35.3124

■ 11.9600, -5.8963,
24.5911

■ 183.2190,
-15.3910, 36.6419

■ 0.0000, 0.0000,
0.0000

■ 210.8170,
-15.6858, 37.8715

■ 230.6300,
-12.1426, 21.3725

■ 250.8450, -8.3046,

3.6439

■ 79.5710, -12.6065,
30.1942

■ 79.5710, -12.6065,
30.1942

■ 73.0340, -14.8068,
35.9272

■ 86.1080, -10.4062,
24.4613

■ 66.3830, -17.4438,
41.7601

■ 92.7590, -7.7692,
18.6284

■ 59.8460, -19.6441,
47.4931

■ 99.2960, -5.5689,
12.8954

■ 53.1950, -22.2811,
53.3260

■ 105.9470, -2.9319,
7.0625

■ 48.7610, -24.0392,
57.2146

■ 112.4840, -0.7316,
1.3295

■ 119.0210, 1.4686,
-4.4034

■ 125.6720, 4.1057,
-10.2363

■ 131.6220, 6.5954,
-15.4545

■ 138.2730, 9.2324,
-21.2874

Harmonies

Analogous

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



80.1720, -4.0288, 32.2982



79.5710, -12.6065, 30.1942



78.7240, -18.1049, 20.4131

Triad

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



79.5710, -12.6065, 30.1942



70.5310, -2.2338, -30.2837



78.3630, 19.5410, -14.3504

Complementary

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



79.5710, -12.6065, 30.1942



88.4290, 12.6065, -30.1942

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.



68.8000, 23.2696, -43.6746



79.5710, -12.6065, 30.1942



62.6340, 11.5194, -54.9300

Square

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



79.5710, -12.6065, 30.1942



74.9050, -12.7712, -10.4407



63.6260, 20.3974, -55.8000



81.3120, 13.6502, 8.4964

Rectangle

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



79.5710, -12.6065, 30.1942



77.4410, -18.9514, 11.8912



63.6260, 20.3974, -55.8000



75.7640, 21.3153, -23.4720

Sweetspot

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



79.5710, -12.6065, 30.1942



134.1110, -4.9847, 12.1807



77.2980, 11.6851, 32.1877



65.9470, -2.9319, 7.0625



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.



79.5710, -12.6065, 30.1942



94.5470, -19.4967, 46.8783



97.1810, -21.2882, 14.7503



52.9680, -1.4632, 2.6591



51.1420, -25.2130, 60.3885



105.5510, -52.0366, 124.0508

Inverse Universe

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



88.4290, 12.6065, -30.1942



108.4530, 19.4967, -46.8783



70.8190, 21.2882, -14.7503



53.6190, 1.1738, -3.1739



68.8580, 25.2130, -60.3885



142.0360, 51.7473, -124.5656

Previews

White Background



This preview shows how the YUV color 79.5710, -12.6065, 30.1942 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 79.5710, -12.6065, 30.1942 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 79.5710, -12.6065, 30.1942

Background



This preview shows how black text looks on a background with the YUV color 79.5710, -12.6065, 30.1942.



This preview shows how white text looks on a background with the YUV color 79.5710, -12.6065,

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

79.5710, -12.6065, 30.1942

Protanopia

79.1010, -9.9098, 5.1734

Deuteranopia

79.2440, -13.4313, 14.6950



Tritanopia

80.5200, -5.1864, 30.2390

Trichromacy



Original Color

79.5710, -12.6065, 30.1942

Protanomaly

79.2270, -10.9579, 14.7099

Deuteranomaly

79.6900, -13.1582, 20.4429

Tritanomaly

80.4230, -8.0965, 30.3240

Monochromacy



Original Color

79.5710, -12.6065, 30.1942

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.6270, -4.2531, 10.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.5710, -12.6065, 30.1942 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(114, 67, 54)` looks like.

```
.text, #text, p{  
    color:rgb(114, 67, 54)  
}
```

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(114, 67, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 67, 54) }
```

Border

The CSS property to change the border of an element to YUV 79.5710, -12.6065, 30.1942 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(114, 67, 54) }
```


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

```
.border{ border-color:rgb(114, 67, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 67, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 67, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 67, 54);  
box-shadow:4px 4px 4px 4px rgb(114, 67,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 79.5710, -12.6065, 30.1942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 67, 54) }
```

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

```
.background{ background-color: rgb(114, 67,  
54) }
```

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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