

Converting Colors

YUV(106.3660, -12.0124,
-20.4920)

Have a look what the booklet for
YUV(106.3660, -12.0124, -20.4920)
contains.

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Color

**YUV(106.3660, -12.0124,
-20.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	537B52
RGB	83, 123, 82
RGB Percent	33%, 48%, 32%
CMY	0.6745, 0.5176, 0.6784
CMYK	0.33, 0.00, 0.33, 0.52
HSL	119°, 20%, 40%
HSV	119°, 33%, 48%
XYZ	12.1732, 16.6141, 10.5479
YIQ	106.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

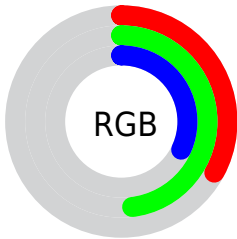
Format	Color
R_{YB}	82, 123, 122
Decimal	5471058
CIE _{Lab}	47.77, -22.84, 18.09
CIE _{LCh}	48, 29.137, 141.609
Yxy	16.6141, 0.3095, 0.4224
Android (android.graphics.Color)	4283661138 (0xFF537B52)
YUV	106.3660, -12.0124, -20.4920
Hunter-Lab	40.7604, -18.0211, 13.1894

Details

The YUV color **106.3660, -12.0124, -20.4920** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **98.6340, 12.0124, 20.4920**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4260, -13.0280, -21.4216**, and **58.1210, -10.4127, -20.2771** is the 20% darker color. If you saturate the color by 10%, you get **101.4100, -15.4851, -26.6696**, and if you desaturate by 10%, it is **111.3220, -8.5397, -14.3144**.

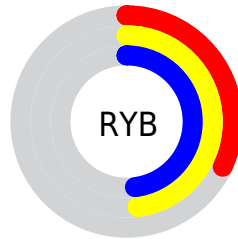
Distribution



Red (33%)

Green (48%)

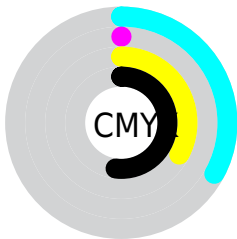
Blue (32%)



Red (32%)

Yellow (48%)

Blue (48%)

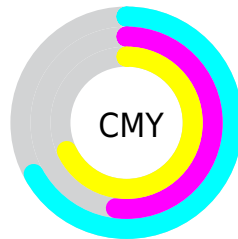


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (52%)



Cyan (67%)

Magenta (52%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.3660, -12.0124, -20.4920 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 106.3660, -12.0124, -20.4920 by changing the saturation by 10% instead.

■ 106.3660,
-12.0124, -20.4920

■ 106.3660,
-12.0124, -20.4920

■ 255.0000, 0.0000,
0.0000

■ 81.8930, -11.2862,
-20.0772

■ 158.4260,
-13.0280, -21.4216

■ 58.1210, -10.4127,
-20.2771

■ 185.0130,
-13.3174, -21.9364

■ 35.0500, -9.3916,
-21.0918

■ 212.8990,
-13.7542, -21.8364

■ 18.1970, -8.9711,
-15.9588

■ 238.5510,
-12.5966, -19.7772

■ 0.0000, 0.0000,
0.0000

■ 250.1150, -4.4937,
-5.3629

■ 106.3660,
-12.0124, -20.4920

■ 106.3660,
-12.0124, -20.4920

■ 101.4100,
-15.4851, -26.6696

■ 111.3220, -8.5397,
-14.3144

■ 96.3400, -19.3946,
-32.7472

■ 116.3920, -4.6303,
-8.2368

■ 91.3840, -22.8673,
-38.9248

■ 121.3480, -1.1576,
-2.0592

■ 86.4280, -26.3400,
-45.1024

■ 126.3040, 2.3151,
4.1184

■ 81.4720, -29.8127,
-51.2799

■ 131.3740, 6.2246,
10.1960

■ 76.4020, -33.7222,
-57.3576

■ 136.3300, 9.6973,
16.3736

■ 73.0980, -36.0373,
-61.4759

■ 141.2860, 13.1700,
22.5512

■ 146.2420, 16.6427,

28.7288

■ 151.3120, 20.5522,
34.8064

Harmonies

Analogous

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



109.5060, -20.9555, 1.3102



106.3660, -12.0124, -20.4920



100.8820, 2.0302, -44.6235

Triad

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



106.3660, -12.0124, -20.4920



106.8700, 27.1791, -37.5970



114.9620, -8.8553, 40.3753

Complementary

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



106.3660, -12.0124, -20.4920



98.6340, 12.0124, 20.4920

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.



116.2030, 2.3649, 34.9020



106.3660, -12.0124, -20.4920



114.3900, 21.9927, -7.3580

Square

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



106.3660, -12.0124, -20.4920



92.9920, 28.5979, -72.7840



116.9650, 13.3283, 18.4477



113.6980, -18.5851, 34.4679

Rectangle

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



106.3660, -12.0124, -20.4920



94.1490, 13.7305, -64.1517



116.9650, 13.3283, 18.4477



115.2870, -5.0715, 40.0903

Sweetspot

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



106.3660, -12.0124, -20.4920



154.3920, -4.6303, -8.2368



117.7390, -17.6193, 4.6139



77.8700, -2.8939, -5.1480



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.3660, -12.0124, -20.4920



134.7530, -19.1052, -32.2324



108.2330, -3.5659, -23.0063



58.5220, -1.7363, -3.0888



74.2720, -36.6161, -62.5055



149.7180, -73.8110, -126.0407

Inverse Universe

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



98.6340, 12.0124, 20.4920



122.2470, 19.1052, 32.2324



96.7670, 3.5659, 23.0063



57.4780, 1.7363, 3.0888



50.7280, 36.6161, 62.5055



102.2820, 73.8110, 126.0407

Previews

White Background



This preview shows how the YUV color 106.3660, -12.0124, -20.4920 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 106.3660, -12.0124, -20.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

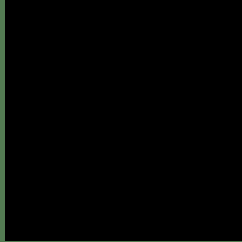
Any Text WCAG AA × Fail

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 106.3660, -12.0124, -20.4920 Background



This preview shows how black text looks on a background with the YUV color 106.3660, -12.0124, -20.4920.



This preview shows how white text looks on a background with the YUV color 106.3660, -12.0124, -20.4920.

-20.4920.

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

106.3660, -12.0124, -20.4920

Protanopia

111.7010, -16.6146, 9.0322

Deuteranopia

112.8530, -13.7315, 17.6689



Tritanopia

110.3660, 8.2006, -16.9840

Trichromacy



Original Color

106.3660, -12.0124, -20.4920

Protanomaly

109.9770, -15.2717, -1.7338

Deuteranomaly

110.2920, -12.9620, 4.1289

Tritanomaly

108.8190, 1.0752, -18.2583

Monochromacy



Original Color

106.3660, -12.0124, -20.4920

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.1040, -4.4883, -7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.3660, -12.0124, -20.4920 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(83, 123, 82)` looks like.

```
.text, #text, p{  
    color:rgb(83, 123, 82)  
}
```

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(83, 123, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 123, 82) }
```

Border

The CSS property to change the border of an element to YUV 106.3660, -12.0124, -20.4920 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(83, 123, 82) }
```


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

```
.border{ border-color:rgb(83, 123, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 123, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 123, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 123, 82);  
box-shadow:4px 4px 4px 4px rgb(83, 123,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 106.3660, -12.0124, -20.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 123, 82) }
```

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

```
.background{ background-color: rgb(83, 123,  
82) }
```

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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