

Converting Colors

YUV(116.2490, -20.8288,
54.1556)

Have a look what the booklet for
YUV(116.2490, -20.8288, 54.1556)
contains.

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Color

**YUV(116.2490, -20.8288,
54.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	B25D4A
RGB	178, 93, 74
RGB Percent	70%, 36%, 29%
CMY	0.3020, 0.6353, 0.7098
CMYK	0.00, 0.48, 0.58, 0.30
HSL	11°, 41%, 49%
HSV	11°, 58%, 70%
XYZ	23.5105, 17.7881, 8.6729
YIQ	116.2490, 56.7590, 12.1110

Conversions

Conversions Part 2

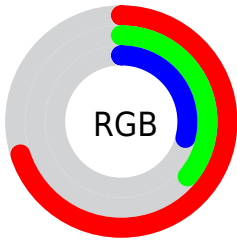
Format	Color
RYB	178, 97, 74
Decimal	11689290
CIELab	49.24, 32.67, 26.43
CIElCh	49, 42.018, 38.972
Yxy	17.7881, 0.4705, 0.3560
Android (android.graphics.Color)	4289879370 (0xFFB25D4A)
YUV	116.2490, -20.8288, 54.1556
Hunter-Lab	42.1759, 25.6949, 17.3310

Details

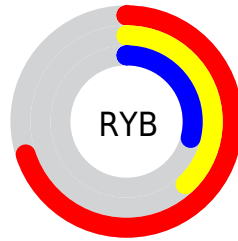
The YUV color **116.2490, -20.8288, 54.1556** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **135.7510, 20.8288, -54.1556**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0000, -23.1710, 58.7590**, and **65.3130, -17.9023, 48.8375** is the 20% darker color. If you saturate the color by 10%, you get **105.3920, -24.3503, 63.6772**, and if you desaturate by 10%, it is **127.1060, -17.3073, 44.6340**.

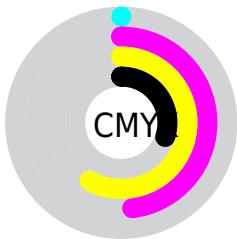
Distribution



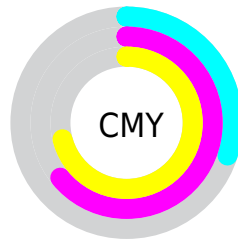
- Red (70%)
- Green (36%)
- Blue (29%)



- Red (70%)
- Yellow (38%)
- Blue (29%)



- Cyan (0%)
- Magenta (48%)
- Yellow (58%)
- Black (30%)



- Cyan (30%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2490, -20.8288, 54.1556 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 116.2490, -20.8288, 54.1556 by changing the saturation by 10% instead.

■ 116.2490,
-20.8288, 54.1556

■ 116.2490,
-20.8288, 54.1556

■ 255.0000, 0.0000,
0.0000

■ 90.2810, -19.3655,
51.4966

■ 170.0000,
-23.1710, 58.7590

■ 65.3130, -17.9023,
48.8375

■ 194.1950,
-22.2811, 53.3260

■ 39.6440, -16.5865,
46.7932

■ 213.7090,
-18.5905, 36.2122

■ 19.7340, -9.7289,
40.5753

■ 233.2230,
-14.8999, 19.0984

■ 12.6720, -5.7543,
25.7207

■ 252.2640,
-10.4832, 2.3995

■ 0.0000, 0.0000,
0.0000

■ 116.2490,
-20.8288, 54.1556

■ 116.2490,
-20.8288, 54.1556

■ 105.3920,
-24.3503, 63.6772

■ 127.1060,
-17.3073, 44.6340

■ 95.1220, -28.1611,
72.6840

■ 137.3760,
-13.4964, 35.6272

■ 84.3790, -31.2458,
82.1056

■ 148.1190,
-10.4117, 26.2056

■ 74.1090, -35.0567,
91.1124

■ 158.3890, -6.6008,
17.1988

■ 72.5930, -35.7883,
92.4419

■ 169.2460, -3.0793,
7.6773

■ 179.5160, 0.7316,
-1.3295

■ 190.3730, 4.2531,
-10.8511

■ 200.5290, 7.6272,

-19.7579

■ 211.3860, 11.1487,
-29.2795

Harmonies

Analogous

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



117.5110, -4.6889, 57.4339



116.2490, -20.8288, 54.1556



115.0500, -32.5626, 37.6671

Triad

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



116.2490, -20.8288, 54.1556



97.3010, -3.5994, -59.0230



111.8240, 37.0618, -34.0486

Complementary

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



116.2490, -20.8288, 54.1556



135.7510, 20.8288, -54.1556

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.



95.9980, 42.8920, -84.1902



116.2490, -20.8288, 54.1556



93.7230, 16.4056, -82.1951

Square

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



116.2490, -20.8288, 54.1556



108.4730, -24.3902, -17.0778



96.4250, 31.8355, -84.5647



119.9500, 26.1537, 11.4449

Rectangle

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



116.2490, -20.8288, 54.1556



113.5550, -35.2766, 21.4383



96.4250, 31.8355, -84.5647



103.8210, 41.5002, -57.7250

Sweetspot

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



116.2490, -20.8288, 54.1556



207.2540, -8.5062, 21.7022



115.0140, 22.6711, 55.2387



101.7090, -5.2795, 13.4102



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



116.2490, -20.8288, 54.1556



135.4610, -32.2723, 84.6647



145.5990, -35.2983, 28.4157



83.8650, -1.9054, 4.5034



62.1830, -30.6562, 79.6465



10.7090, -5.2795, 13.4102

Inverse Universe

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



135.7510, 20.8288, -54.1556



165.9520, 32.5617, -84.1499



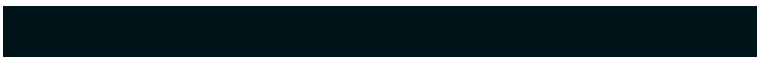
106.4010, 35.2983, -28.4157



85.7220, 1.6161, -5.0182



90.8170, 30.6562, -79.6465



15.2910, 5.2795, -13.4102

Previews

White Background



This preview shows how the YUV color 116.2490, -20.8288, 54.1556 looks on a white background.

Color Contrast Check

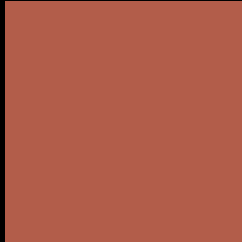
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2490, -20.8288, 54.1556 looks on a black 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

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

YUV 116.2490, -20.8288, 54.1556

Background



This preview shows how black text looks on a background with the YUV color 116.2490, -20.8288, 54.1556.



This preview shows how white text looks on a background with the YUV color 116.2490, -20.8288, 54.1556.

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

116.2490, -20.8288, 54.1556

Protanopia

116.2280, -15.8884, 9.4470

Deuteranopia

116.4810, -22.9151, 23.2572



Tritanopia

117.2950, -10.4984, 54.1153

Trichromacy



Original Color

116.2490, -20.8288, 54.1556

Protanomaly

116.1700, -17.8318, 26.1609

Deuteranomaly

116.3730, -22.3689, 34.7529

Tritanomaly

116.9700, -14.2822, 54.4003

Monochromacy



Original Color

116.2490, -20.8288, 54.1556

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.4710, -7.6272, 19.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2490, -20.8288, 54.1556 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(178, 93, 74)` looks like.

```
.text, #text, p{  
    color:rgb(178, 93, 74)  
}
```

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(178, 93, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 93, 74) }
```

Border

The CSS property to change the border of an element to YUV 116.2490, -20.8288, 54.1556 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(178, 93, 74) }
```


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

```
.border{ border-color:rgb(178, 93, 74) }
```

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

Here you see how a box with a 4 pixel rgb(178, 93, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 93, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 93, 74);  
box-shadow:4px 4px 4px 4px rgb(178, 93,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 116.2490, -20.8288, 54.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 93, 74) }
```

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

```
.background{ background-color: rgb(178, 93,  
74) }
```

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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