

Converting Colors

YUV(100.4150, -12.5296,
52.2560)

Have a look what the booklet for
YUV(100.4150, -12.5296, 52.2560)
contains.

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Color

**YUV(100.4150, -12.5296,
52.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	A04B4B
RGB	160, 75, 75
RGB Percent	63%, 29%, 29%
CMY	0.3725, 0.7059, 0.7059
CMYK	0.00, 0.53, 0.53, 0.37
HSL	0°, 36%, 46%
HSV	0°, 53%, 63%
XYZ	18.2833, 13.0137, 8.2049
YIQ	100.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

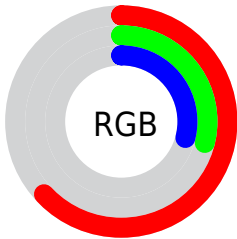
Format	Color
RYB	160, 75, 75
Decimal	10505035
CIELab	42.78, 35.25, 16.88
CIElCh	43, 39.082, 25.581
Yxy	13.0137, 0.4628, 0.3294
Android (android.graphics.Color)	4288695115 (0xFFA04B4B)
YUV	100.4150, -12.5296, 52.2560
Hunter-Lab	36.0746, 27.3368, 11.7671

Details

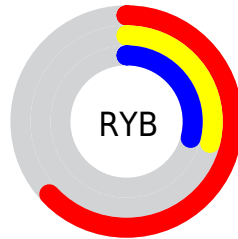
The YUV color **100.4150, -12.5296, 52.2560** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **134.5850, 12.5296, -52.2560**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2800, -14.4350, 56.7594**, and **49.3050, -9.0244, 47.9675** is the 20% darker color. If you saturate the color by 10%, you get **89.1990, -14.8881, 62.0925**, and if you desaturate by 10%, it is **111.6310, -10.1711, 42.4196**.

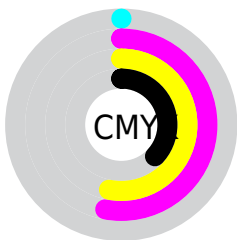
Distribution



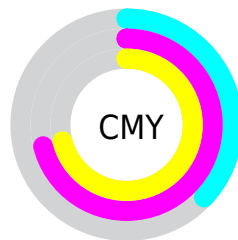
- Red (63%)
- Green (29%)
- Blue (29%)



- Red (63%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (53%)
- Yellow (53%)
- Black (37%)



- Cyan (37%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.4150, -12.5296, 52.2560 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 100.4150, -12.5296, 52.2560 by changing the saturation by 10% instead.

■ 100.4150,
-12.5296, 52.2560

■ 100.4150,
-12.5296, 52.2560

■ 255.0000, 0.0000,
0.0000

■ 74.7460, -11.2138,
50.2118

■ 153.2800,
-14.4350, 56.7594

■ 49.3050, -9.0244,
47.9675

■ 181.0630,
-15.3141, 58.7037

■ 23.9350, -7.8560,
46.5380

■ 201.9690,
-12.8027, 46.5082

■ 15.5480, -7.6652,
31.9684

■ 221.5970, -8.6753,
29.2944

■ 3.2890, -1.6215,
6.7625

■ 241.8120, -4.8373,
11.5659

■ 0.0000, 0.0000,
0.0000

■ 100.4150,
-12.5296, 52.2560

■ 100.4150,
-12.5296, 52.2560

■ 89.1990, -14.8881,
62.0925

■ 111.6310,
-10.1711, 42.4196

■ 77.9830, -17.2466,
71.9289

■ 122.8470, -7.8126,
32.5832

■ 66.7670, -19.6051,
81.7653

■ 134.0630, -5.4541,
22.7467

■ 55.5510, -21.9636,
91.6018

■ 145.2790, -3.0955,
12.9103

■ 47.8400, -23.5851,
98.3643

■ 156.4950, -0.7370,
3.0739

■ 167.7110, 1.6215,
-6.7625

■ 178.9270, 3.9800,
-16.5990

■ 190.1430, 6.3385,

-26.4354

■ 201.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



101.9920, 2.4689, 48.2420



100.4150, -12.5296, 52.2560



99.9070, -25.5902, 41.3006

Triad

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



100.4150, -12.5296, 52.2560



89.3490, -12.9901, -33.6321



81.0320, 41.3962, -71.0651

Complementary

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



100.4150, -12.5296, 52.2560



134.5850, 12.5296, -52.2560

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.



83.8870, 34.5657, -73.5689



100.4150, -12.5296, 52.2560



79.5090, 7.6371, -69.7294

Square

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



100.4150, -12.5296, 52.2560



94.7630, -27.4912, -2.4232



83.2710, 22.0514, -73.0287



101.7090, 28.2445, -5.8838

Rectangle

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



100.4150, -12.5296, 52.2560



98.7500, -30.9357, 29.1603



83.2710, 22.0514, -73.0287



82.5650, 39.6545, -72.4095

Sweetspot

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



100.4150, -12.5296, 52.2560



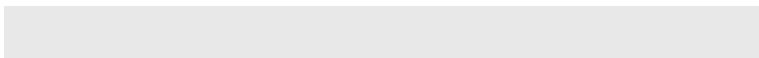
185.8670, -4.8644, 20.2876



110.1050, 24.5982, 43.7579



90.9800, -2.9481, 12.2955



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



100.4150, -12.5296, 52.2560



115.0660, -19.7525, 82.3801



125.6560, -24.9734, 30.1197



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



4.4850, -2.2111, 9.2217

Inverse Universe

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



134.5850, 12.5296, -52.2560



168.9340, 19.7525, -82.3801



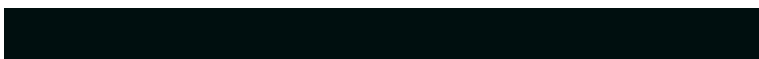
109.9310, 24.6840, -30.6345



76.6080, 1.1793, -4.9182



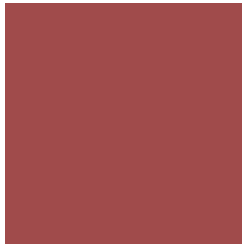
100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 100.4150, -12.5296, 52.2560 looks on a white background.

Color Contrast Check

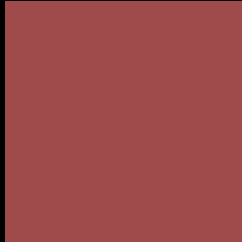
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.4150, -12.5296, 52.2560 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 100.4150, -12.5296, 52.2560

Background



This preview shows how black text looks on a background with the YUV color 100.4150, -12.5296, 52.2560.



This preview shows how white text looks on a background with the YUV color 100.4150, -12.5296, 52.2560.

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

100.4150, -12.5296, 52.2560

Protanopia

101.1980, -6.9996, 5.0884

Deuteranopia

101.2120, -14.8945, 17.3541



Tritanopia

100.2840, -10.4930, 52.3709

Trichromacy



Original Color

100.4150, -12.5296, 52.2560

Protanomaly

101.1400, -8.9430, 21.8022

Deuteranomaly

100.8160, -14.2063, 29.9794

Tritanomaly

100.1700, -10.9298, 52.4709

Monochromacy



Original Color

100.4150, -12.5296, 52.2560

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2690, -4.5696, 19.0581

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.4150, -12.5296, 52.2560 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(160, 75, 75)` looks like.

```
.text, #text, p{  
    color:rgb(160, 75, 75)  
}
```

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(160, 75, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 75, 75) }
```

Border

The CSS property to change the border of an element to YUV 100.4150, -12.5296, 52.2560 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(160, 75, 75) }
```


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

```
.border{ border-color:rgb(160, 75, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 75, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 75, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 75, 75); box-shadow:4px 4px 4px 4px rgb(160, 75, 75) }
```

Background

The CSS property to change the background color of an element to YUV 100.4150, -12.5296, 52.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 75, 75) }
```

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

```
.background{ background-color: rgb(160, 75,  
75) }
```

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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