

Converting Colors

YUV(112.7270, -53.1094,
1.1164)

Have a look what the booklet for
YUV(112.7270, -53.1094, 1.1164)
contains.

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Color

**YUV(112.7270, -53.1094,
1.1164)**

Conversions

Conversions Part 1

Format	Color
Hex	728505
RGB	114, 133, 5
RGB Percent	45%, 52%, 2%
CMY	0.5529, 0.4784, 0.9804
CMYK	0.14, 0.00, 0.96, 0.48
HSL	69°, 93%, 27%
HSV	69°, 96%, 52%
XYZ	15.3544, 20.3634, 3.2649
YIQ	112.7270, 29.7640, -43.8360

Conversions

Conversions Part 2

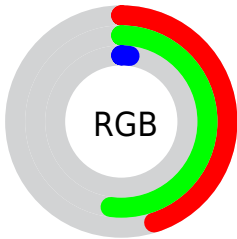
Format	Color
R_{YB}	5, 133, 24
Decimal	7505157
CIE Lab	52.25, -21.85, 55.53
CIE LCh	52, 59.675, 111.478
Yxy	20.3634, 0.3939, 0.5224
Android (android.graphics.Color)	4285695237 (0xFF728505)
YUV	112.7270, -53.1094, 1.1164
Hunter-Lab	45.1258, -18.2345, 27.2985

Details

The YUV color **112.7270, -53.1094, 1.1164** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **25.2730, 53.1094, -1.1164**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5790, -48.5994, 1.2462**, and **67.2590, -33.1587, -4.6121** is the 20% darker color. If you saturate the color by 10%, you get **111.8580, -55.1460, 1.0015**, and if you desaturate by 10%, it is **114.8070, -47.7259, 1.0463**.

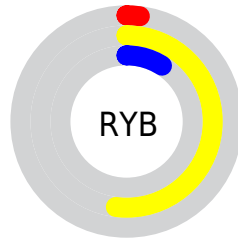
Distribution



Red (45%)

Green (52%)

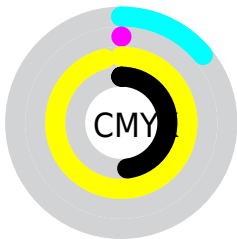
Blue (2%)



Red (2%)

Yellow (52%)

Blue (9%)

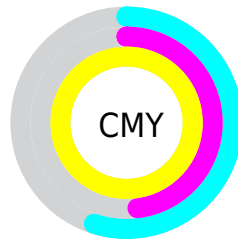


Cyan (14%)

Magenta (0%)

Yellow (96%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7270, -53.1094, 1.1164 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 112.7270, -53.1094, 1.1164 by changing the saturation by 10% instead.

■ 112.7270,
-53.1094, 1.1164

■ 112.7270,
-53.1094, 1.1164

■ 255.0000, 0.0000,
0.0000

■ 89.4090, -44.0786,
-2.1127

■ 167.5790,
-48.5994, 1.2462

■ 67.2590, -33.1587,
-4.6121

■ 195.7640,
-49.1837, 1.9610

■ 45.6850, -22.5227,
-9.3707

■ 223.8350,
-50.2047, 2.7757

■ 24.6980, -12.1761,
-14.6441

■ 242.9160,
-46.3006, 10.5977

■ 8.8050, -4.3409,
-7.7220

■ 246.1080,
-34.0702, 7.7983

■ 0.0000, 0.0000,
0.0000

■ 249.4140,

-21.4031, 4.8989

■ 252.6060, -9.1728,
2.0995

■ 112.7270,
-53.1094, 1.1164

■ 112.7270,
-53.1094, 1.1164

■ 111.8580,
-55.1460, 1.0015

■ 114.8070,
-47.7259, 1.0463

■ 117.0010,
-41.9055, 0.8761

■ 119.0810,
-36.5219, 0.8060

■ 121.1610,
-31.1384, 0.7358

■ 123.3550,
-25.3180, 0.5657

■ 125.4350,
-19.9345, 0.4955

■ 127.5150,
-14.5509, 0.4253

■ 129.5950, -9.1673,
0.3552

■ 131.7890, -3.3470,
0.1850

Harmonies

Analogous

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



116.8180, -57.5913, 38.7476



112.7270, -53.1094, 1.1164



103.4810, -23.4081, -52.1648

Triad

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



112.7270, -53.1094, 1.1164



108.3710, 47.1451, -95.0414



122.0030, 9.3655, 76.2964

Complementary

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



112.7270, -53.1094, 1.1164



25.2730, 53.1094, -1.1164

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.



128.1520, 29.9981, 38.4547



112.7270, -53.1094, 1.1164



105.0090, 59.6486, -92.0929

Square

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



112.7270, -53.1094, 1.1164



105.2300, 27.4946, -92.2867



121.8650, 48.3806, -24.4376



119.1570, -14.3744, 84.0543

Rectangle

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



112.7270, -53.1094, 1.1164



95.9620, -2.9393, -84.1587



121.8650, 48.3806, -24.4376



124.1850, 16.6708, 66.4898

Sweetspot

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



112.7270, -53.1094, 1.1164



165.2070, -20.8081, 0.6955



53.2510, -23.7877, 69.9399



81.9710, -12.8037, 0.0254



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



112.7270, -53.1094, 1.1164



145.8030, -71.8809, 1.9268



94.1890, -43.9702, -36.9998



65.0170, -2.4734, -0.0149



109.4990, -53.9830, 1.3164



2.3590, -1.1630, -0.3148

Inverse Universe

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



25.2730, 53.1094, -1.1164



27.4960, 71.7335, -1.3120



43.8110, 43.9702, 36.9998



60.9830, 2.4734, 0.0149



20.5010, 53.9830, -1.3164



0.3420, 1.3104, -0.2999

Previews

White Background



This preview shows how the YUV color 112.7270, -53.1094, 1.1164 looks on a white 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

Black Background



This preview shows how the YUV color 112.7270, -53.1094, 1.1164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

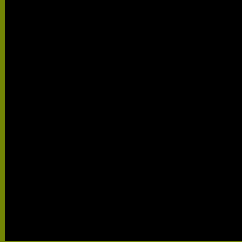
Any Text WCAG AA ✓ Pass

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 112.7270, -53.1094, 1.1164 Background



This preview shows how black text looks on a background with the YUV color 112.7270, -53.1094, 1.1164.



This preview shows how white text looks on a background with the YUV color 112.7270, -53.1094, 1.1164.

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

112.7270, -53.1094, 1.1164

Deuteranopia

118.8310, -47.2447, 33.4742

Tritanopia

125.0260, 3.9312, -0.8998

Trichromacy



Original Color

112.7270, -53.1094, 1.1164

Deuteranomaly

116.1840, -49.3907, 21.7636

Tritanomaly

120.2330, -16.8769, -0.2043

Monochromacy



Original Color

112.7270, -53.1094, 1.1164

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6630, -19.0609, 0.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7270, -53.1094, 1.1164 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, 133, 5)` looks like.

```
.text, #text, p{  
    color:rgb(114, 133, 5)  
}
```

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, 133, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 133, 5) }
```

Border

The CSS property to change the border of an element to YUV 112.7270, -53.1094, 1.1164 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, 133, 5) }
```

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

```
.border{ border-color:rgb(114, 133, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 133, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 133, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 133, 5);  
box-shadow:4px 4px 4px 4px rgb(114, 133,  
5) }
```


Background

The CSS property to change the background color of an element to YUV 112.7270, -53.1094, 1.1164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 133, 5) }
```

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

```
.background{ background-color: rgb(114,  
133, 5) }
```

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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