

Converting Colors

YUV(120.2170, -12.4320,
20.8577)

Have a look what the booklet for
YUV(120.2170, -12.4320, 20.8577)
contains.

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Color

**YUV(120.2170, -12.4320,
20.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	90715F
RGB	144, 113, 95
RGB Percent	56%, 44%, 37%
CMY	0.4353, 0.5569, 0.6275
CMYK	0.00, 0.22, 0.34, 0.44
HSL	22°, 21%, 47%
HSV	22°, 34%, 56%
XYZ	19.4723, 18.5658, 13.3837
YIQ	120.2170, 24.2540, 0.9740

Conversions

Conversions Part 2

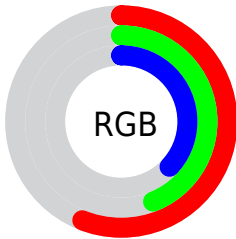
Format	Color
R_{YB}	144, 123, 95
Decimal	9466207
CIE Lab	50.18, 9.52, 14.65
CIE LCh	50, 17.473, 56.995
Yxy	18.5658, 0.3787, 0.3610
Android (android.graphics.Color)	4287656287 (0xFF90715F)
YUV	120.2170, -12.4320, 20.8577
Hunter-Lab	43.0880, 5.2635, 11.7453

Details

The YUV color $[120.2170, -12.4320, 20.8577]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[118.7830, 12.4320, -20.8577]$, and the grayscale version is $[120.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[173.0000, -13.3110, 22.8020]$, and $[71.2490, -10.9688, 18.1986]$ is the 20% darker color. If you saturate the color by 10%, you get $[113.3380, -15.9426, 26.8906]$, and if you desaturate by 10%, it is $[127.0960, -8.9213, 14.8248]$.

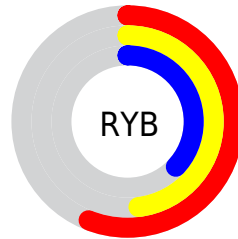
Distribution



Red (56%)

Green (44%)

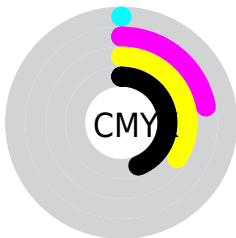
Blue (37%)



Red (56%)

Yellow (48%)

Blue (37%)

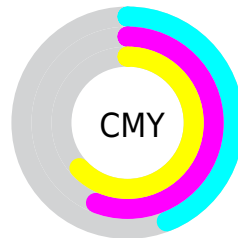


Cyan (0%)

Magenta (22%)

Yellow (34%)

Black (44%)



Cyan (44%)

Magenta (56%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2170, -12.4320, 20.8577 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 120.2170, -12.4320, 20.8577 by changing the saturation by 10% instead.

■ 120.2170,
-12.4320, 20.8577

■ 120.2170,
-12.4320, 20.8577

■ 255.0000, 0.0000,
0.0000

■ 95.6190, -12.1372,
19.6281

■ 173.0000,
-13.3110, 22.8020

■ 71.2490, -10.9688,
18.1986

■ 200.1850,
-13.8952, 23.5168

■ 48.7650, -10.2371,
16.8691

■ 228.0710,
-14.3320, 23.6167

■ 26.5970, -12.1263,
16.1394

■ 247.6990,
-10.2046, 6.4030

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 120.2170,
-12.4320, 20.8577

■ 120.2170,
-12.4320, 20.8577

■ 113.3380,
-15.9426, 26.8906

■ 127.0960, -8.9213,
14.8248

■ 106.3450,
-19.8901, 33.0234

■ 134.0890, -4.9739,
8.6919

■ 99.4660, -23.4007,
39.0563

■ 140.9680, -1.4632,
2.6591

■ 92.4730, -27.3482,
45.1892

■ 147.9610, 2.4842,
-3.4738

■ 85.0070, -30.5695,
51.7369

■ 155.4270, 5.7055,
-10.0215

■ 78.1280, -34.0801,
57.7697

■ 162.3060, 9.2161,
-16.0544

■ 74.1670, -36.5643,
61.2435

■ 169.2990, 13.1636,
-22.1872

■ 176.1780, 16.6742,

-28.2201

■ 183.1710, 20.6217,
-34.3530

Harmonies

Analogous

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



121.6180, -7.2067, 24.8910



120.2170, -12.4320, 20.8577



118.9940, -14.2940, 11.4063

Triad

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



120.2170, -12.4320, 20.8577



113.5900, 1.6811, -25.9504



120.6160, 12.5143, -0.5402

Complementary

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



120.2170, -12.4320, 20.8577



118.7830, 12.4320, -20.8577

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.



117.9130, 15.3259, -15.7097



120.2170, -12.4320, 20.8577



113.2070, 9.2649, -31.7535

Square

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



120.2170, -12.4320, 20.8577



115.3050, -6.0664, -14.2995



114.6080, 14.4903, -27.7202



121.6240, 7.0874, 13.4848

Rectangle

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



120.2170, -12.4320, 20.8577



117.8790, -13.2513, 3.6141



114.6080, 14.4903, -27.7202



119.9250, 13.8410, -6.0732

Sweetspot

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



120.2170, -12.4320, 20.8577



176.9040, -4.3897, 7.9772



113.1850, 6.3178, 27.0248



88.6370, -2.7790, 4.7034



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



120.2170, -12.4320, 20.8577



149.1600, -19.3059, 32.3087



134.3050, -19.3774, 8.5025



67.8540, -1.9000, 2.7590



69.7150, -34.3695, 57.2549



4.1530, -2.0474, 3.3738

Inverse Universe

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



118.7830, 12.4320, -20.8577



146.8400, 19.3059, -32.3087



104.6950, 19.3774, -8.5025



67.7330, 1.6106, -3.2738



65.8720, 34.0801, -57.7697



3.8470, 2.0474, -3.3738

Previews

White Background



This preview shows how the YUV color 120.2170, -12.4320, 20.8577 looks on a white background.

Color Contrast Check

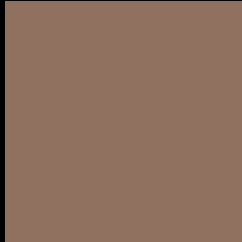
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.2170, -12.4320, 20.8577 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 120.2170, -12.4320, 20.8577

Background



This preview shows how black text looks on a background with the YUV color 120.2170, -12.4320, 20.8577.



This preview shows how white text looks on a background with the YUV color 120.2170, -12.4320,

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

120.2170, -12.4320, 20.8577

Protanopia

118.9980, -10.3520, 7.0178

Deuteranopia

120.1950, -12.4211, 17.3690



Tritanopia

121.6760, -1.8123, 21.3321

Trichromacy



Original Color

120.2170, -12.4320, 20.8577

Protanomaly

119.5040, -11.0945, 11.8360

Deuteranomaly

119.9070, -12.2792, 18.4986

Tritanomaly

121.0520, -5.4486, 21.0024

Monochromacy



Original Color

120.2170, -12.4320, 20.8577

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9040, -4.3897, 7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2170, -12.4320, 20.8577 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(144, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(144, 113, 95)  
}
```

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(144, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 113, 95) }
```

Border

The CSS property to change the border of an element to YUV 120.2170, -12.4320, 20.8577 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(144, 113, 95) }
```


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

```
.border{ border-color:rgb(144, 113, 95) }
```

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

Here you see how a box with a 4 pixel rgb(144, 113, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(144, 113,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 120.2170, -12.4320, 20.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 113, 95) }
```

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

```
.background{ background-color: rgb(144,  
113, 95) }
```

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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