

Converting Colors

YUV(55.9020, -24.6017,
50.9519)

Have a look what the booklet for
YUV(55.9020, -24.6017, 50.9519)
contains.

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Color

**YUV(55.9020, -24.6017,
50.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	722406
RGB	114, 36, 6
RGB Percent	45%, 14%, 2%
CMY	0.5529, 0.8588, 0.9765
CMYK	0.00, 0.68, 0.95, 0.55
HSL	17°, 90%, 24%
HSV	17°, 95%, 45%
XYZ	7.6032, 4.8523, 0.7082
YIQ	55.9020, 56.1180, 7.2060

Conversions

Conversions Part 2

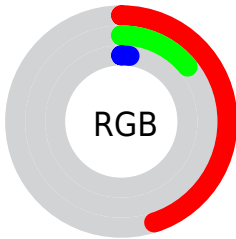
Format	Color
R_{YB}	114, 48, 6
Decimal	7480326
CIE Lab	26.31, 33.07, 35.23
CIE LCh	26, 48.320, 46.815
Yxy	4.8523, 0.5776, 0.3686
Android (android.graphics.Color)	4285670406 (0xFF722406)
YUV	55.9020, -24.6017, 50.9519
Hunter-Lab	22.0280, 23.0622, 13.5135

Details

The YUV color **55.9020, -24.6017, 50.9519** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **64.0980, 24.6017, -50.9519**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.2510, -27.2387, 56.7849**, and **17.3420, -8.5496, 35.6571** is the 20% darker color. If you saturate the color by 10%, you get **52.8700, -26.0649, 53.6110**, and if you desaturate by 10%, it is **61.8520, -22.1120, 45.7338**.

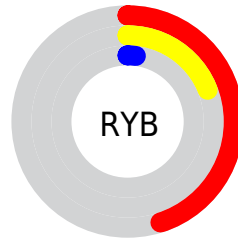
Distribution



 Red (45%)

 Green (14%)

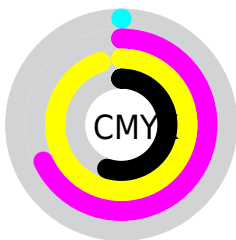
 Blue (2%)



 Red (45%)

 Yellow (19%)

 Blue (2%)

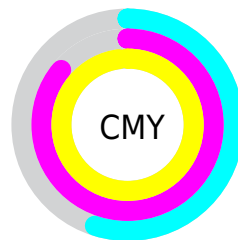


 Cyan (0%)

 Magenta (68%)

 Yellow (95%)

 Black (55%)



 Cyan (55%)


 Magenta (86%)


 Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 55.9020, -24.6017, 50.9519 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 55.9020, -24.6017, 50.9519 by changing the saturation by 10% instead.


 55.9020, -24.6017,
50.9519


 55.9020, -24.6017,
50.9519


 252.6060, -9.1728,
2.0995


 30.9970, -15.2815,
48.2376


 107.2510,
-27.2387, 56.7849


 17.3420, -8.5496,
35.6571

 133.5180,
-28.8494, 60.0587

 9.3830, -4.1328,
18.9581

 160.6000,
-29.8758, 62.6178

 0.0000, 0.0000,
0.0000

 186.1760,
-30.1598, 60.3586

 205.5760,
-26.9060, 43.3448

 225.0900,

-23.2154, 26.2311

■ 244.7180,
-19.0880, 9.0173

■ 55.9020, -24.6017,
50.9519

■ 55.9020, -24.6017,
50.9519

■ 52.8700, -26.0649,
53.6110

■ 61.8520, -22.1120,
45.7338

■ 67.9160, -19.1856,
40.4157

■ 74.4530, -16.9853,
34.6827

■ 80.5170, -14.0589,
29.3646

■ 86.4670, -11.5692,
24.1464

■ 92.4170, -9.0796,
18.9283

■ 99.0680, -6.4425,
13.0954

■ 105.0180, -3.9529,
7.8772

■ 111.0820, -1.0264,
2.5591

Harmonies

Analogous

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



49.9080, -3.4056, 65.8557



55.9020, -24.6017, 50.9519



59.4940, -29.3305, 27.6308

Triad

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



55.9020, -24.6017, 50.9519



50.2150, -3.0640, -44.0386



50.4960, 41.1675, -44.2850

Complementary

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



55.9020, -24.6017, 50.9519



64.0980, 24.6017, -50.9519

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.



57.0670, 38.4210, -50.0478



55.9020, -24.6017, 50.9519



55.2480, 13.6817, -48.4525

Square

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



55.9020, -24.6017, 50.9519



43.6660, -20.5413, -38.2951



58.4230, 28.3855, -51.2370



63.2610, 24.5213, 21.6961

Rectangle

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



55.9020, -24.6017, 50.9519



57.9110, -28.5501, 10.6021



58.4230, 28.3855, -51.2370



53.0720, 40.8835, -46.5441

Sweetspot

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



55.9020, -24.6017, 50.9519



125.6020, -9.6638, 19.6430



47.2980, 18.5871, 58.4977



60.5840, -5.7109, 11.7658



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



55.9020, -24.6017, 50.9519



68.3190, -33.6813, 69.8802



87.0130, -39.9394, 23.6676



52.9680, -1.4632, 2.6591



55.2510, -27.2387, 56.7849



114.3560, -56.3775, 116.3288

Inverse Universe

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



64.0980, 24.6017, -50.9519



79.6810, 33.6813, -69.8802



32.9870, 39.9394, -23.6676



53.6190, 1.1738, -3.1739



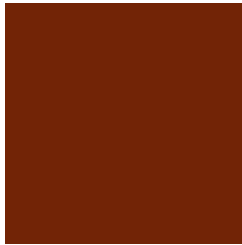
64.7490, 27.2387, -56.7849



133.2310, 56.0881, -116.8436

Previews

White Background



This preview shows how the YUV color 55.9020, -24.6017, 50.9519 looks on a white background.

Color Contrast Check

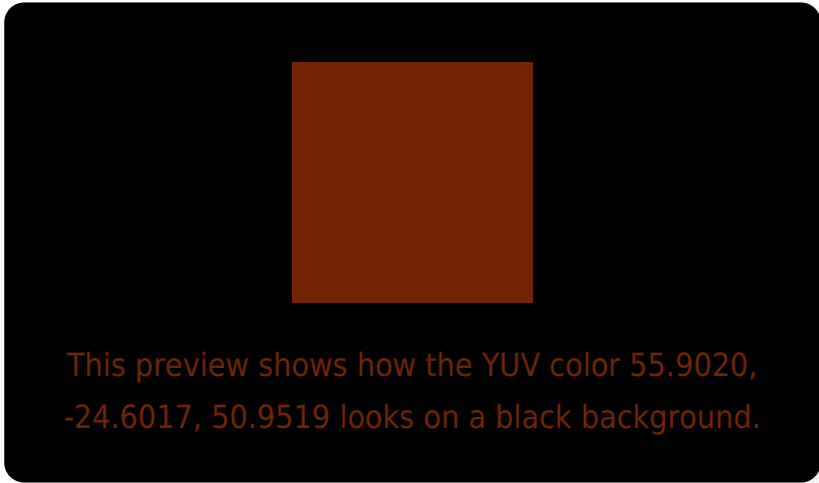
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

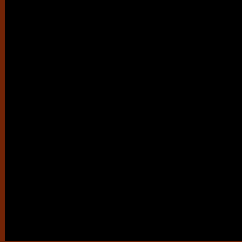
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.9020, -24.6017, 50.9519

Background



This preview shows how black text looks on a background with the YUV color 55.9020, -24.6017, 50.9519.



This preview shows how white text looks on a background with the YUV color 55.9020, -24.6017,

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

55.9020, -24.6017, 50.9519

Protanopia

60.6920, -23.0192, 9.9171

Deuteranopia

59.1400, -29.1560, 18.2942



Tritanopia

58.3330, -11.5032, 49.6970

Trichromacy



Original Color

55.9020, -24.6017, 50.9519

Protanomaly

58.9650, -23.6467, 24.5867

Deuteranomaly

57.6730, -27.4468, 30.1048

Tritanomaly

57.6660, -16.5973, 50.2819

Monochromacy



Original Color

55.9020, -24.6017, 50.9519

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.1180, -8.9322, 18.3135

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.9020, -24.6017, 50.9519 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, 36, 6)` looks like.

```
.text, #text, p{  
    color:rgb(114, 36, 6)  
}
```

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, 36, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 36, 6) }
```

Border

The CSS property to change the border of an element to YUV 55.9020, -24.6017, 50.9519 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, 36, 6) }
```


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

```
.border{ border-color:rgb(114, 36, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 36, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 36, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 36, 6);  
box-shadow:4px 4px 4px 4px rgb(114, 36, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 55.9020, -24.6017, 50.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 36, 6) }
```

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

```
.background{ background-color: rgb(114, 36,  
6) }
```

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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