

Converting Colors

YUV(95.8360, -14.7091, 4.5288)

Have a look what the booklet for
YUV(95.8360, -14.7091, 4.5288)
contains.

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Color

**YUV(95.8360, -14.7091,
4.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	656342
RGB	101, 99, 66
RGB Percent	40%, 39%, 26%
CMY	0.6039, 0.6118, 0.7412
CMYK	0.00, 0.02, 0.35, 0.60
HSL	57°, 21%, 33%
HSV	57°, 35%, 40%
XYZ	10.8120, 12.0837, 6.9168
YIQ	95.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

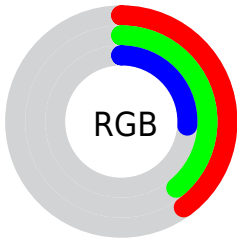
Format	Color
R_{YB}	68, 101, 66
Decimal	6644546
CIE _{Lab}	41.35, -4.93, 19.08
CIE _{LCh}	41, 19.702, 104.483
Yxy	12.0837, 0.3627, 0.4053
Android (android.graphics.Color)	4284834626 (0xFF656342)
YUV	95.8360, -14.7091, 4.5288
Hunter-Lab	34.7617, -5.3134, 12.5358

Details

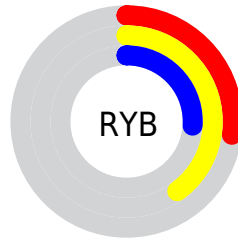
The YUV color $[95.8360, -14.7091, 4.5288]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[71.1640, 14.7091, -4.5288]$, and the grayscale version is $[96.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[146.4940, -16.0195, 4.8288]$, and $[49.4660, -13.5407, 3.0993]$ is the 20% darker color. If you saturate the color by 10%, you get $[94.1090, -18.7877, 6.0434]$, and if you desaturate by 10%, it is $[97.5630, -10.6306, 3.0142]$.

Distribution



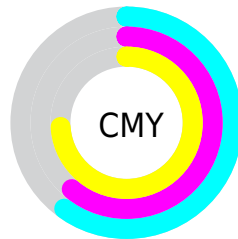
- Red (40%)
- Green (39%)
- Blue (26%)



- Red (27%)
- Yellow (40%)
- Blue (26%)



- Cyan (0%)
- Magenta (2%)
- Yellow (35%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8360, -14.7091, 4.5288 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 95.8360, -14.7091, 4.5288 by changing the saturation by 10% instead.

■ 95.8360, -14.7091,
4.5288

■ 95.8360, -14.7091,
4.5288

■ 255.0000, 0.0000,
0.0000

■ 72.0640, -13.8356,
4.3289

■ 146.4940,
-16.0195, 4.8288

■ 49.4660, -13.5407,
3.0993

■ 172.7930,
-16.1669, 5.4435

■ 28.0640, -13.8356,
4.3289

■ 200.5650,
-17.0405, 5.6435

■ 5.2830, -2.6045,
-4.6332

■ 228.8640,
-17.1880, 6.2583

■ 0.0000, 0.0000,
0.0000

■ 251.2380,
-14.4143, 3.2993

■ 254.4300, -2.1840,

0.4999

■ 95.8360, -14.7091,
4.5288

■ 95.8360, -14.7091,
4.5288

■ 94.1090, -18.7877,
6.0434

■ 97.5630, -10.6306,
3.0142

■ 92.9690, -23.1557,
7.0432

■ 98.7030, -6.2626,
2.0145

■ 91.2420, -27.2343,
8.5578

■ 100.4300, -2.1840,
0.4999

■ 90.1020, -31.6023,
9.5575

■ 101.5700, 2.1840,
-0.4999

■ 88.3750, -35.6809,
11.0721

■ 103.4110, 6.6994,
-2.1144

■ 87.1210, -40.4857,
12.1719

■ 104.5510, 11.0674,
-3.1142

■ 85.9640, -42.3803,
13.1866

■ 106.2780, 15.1459,
-4.6288

■ 108.0050, 19.2245,
-6.1434

■ 109.1450, 23.5925,
-7.1432

Harmonies

Analogous

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



97.5000, -15.0365, 16.2245



95.8360, -14.7091, 4.5288



93.7140, -9.7190, -9.3962

Triad

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



95.8360, -14.7091, 4.5288



89.6670, 14.9542, -36.5420



99.7560, 3.5713, 21.2620

Complementary

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



95.8360, -14.7091, 4.5288



71.1640, 14.7091, -4.5288

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.



100.1010, 10.3032, 8.6814



95.8360, -14.7091, 4.5288



93.6020, 16.9582, -25.9610

Square

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



95.8360, -14.7091, 4.5288



88.8430, 7.9654, -34.9423



97.3700, 15.5936, -8.2175



99.6120, -4.7387, 26.6503

Rectangle

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



95.8360, -14.7091, 4.5288



92.0270, -4.4503, -19.3177



97.3700, 15.5936, -8.2175



100.3040, 5.7661, 17.2734

Sweetspot

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



95.8360, -14.7091, 4.5288



127.9310, -5.3890, 1.8145



76.6930, -4.2856, 21.3172



65.0880, -3.4944, 0.7998



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



95.8360, -14.7091, 4.5288



121.9690, -23.1557, 7.0432



92.5250, -13.0768, -5.7224



50.4300, -2.1840, 0.4999



97.7810, -48.2060, 15.1011



206.1940, -101.6536, 31.4019

Inverse Universe

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



71.1640, 14.7091, -4.5288



83.6180, 22.8663, -7.5580



74.4750, 13.0768, 5.7224



46.5700, 2.1840, -0.4999



17.2190, 48.2060, -15.1011



35.8060, 101.6536, -31.4019

Previews

White Background



This preview shows how the YUV color 95.8360, -14.7091, 4.5288 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 95.8360, -14.7091, 4.5288 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 95.8360, -14.7091, 4.5288

Background



This preview shows how black text looks on a background with the YUV color 95.8360, -14.7091, 4.5288.



This preview shows how white text looks on a background with the YUV color 95.8360, -14.7091,

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

95.8360, -14.7091, 4.5288

Protanopia

96.0430, -15.3042, 8.7323

Deuteranopia

96.9130, -14.7471, 16.7393



Tritanopia

98.7880, 1.5835, 5.4479

Trichromacy



Original Color

95.8360, -14.7091, 4.5288

Protanomaly

96.0320, -15.2988, 6.9879

Deuteranomaly

96.5920, -14.5889, 12.6358

Tritanomaly

97.5940, -4.2368, 5.6181

Monochromacy



Original Color

95.8360, -14.7091, 4.5288

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9310, -5.3890, 1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8360, -14.7091, 4.5288 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(101, 99, 66)` looks like.

```
.text, #text, p{  
    color:rgb(101, 99, 66)  
}
```

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(101, 99, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 99, 66) }
```

Border

The CSS property to change the border of an element to YUV 95.8360, -14.7091, 4.5288 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(101, 99, 66) }
```


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

```
.border{ border-color:rgb(101, 99, 66) }
```

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

Here you see how a box with a 4 pixel rgb(101, 99, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 99, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 99, 66);  
box-shadow:4px 4px 4px 4px rgb(101, 99,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 95.8360, -14.7091, 4.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 99, 66) }
```

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

```
.background{ background-color: rgb(101, 99,  
66) }
```

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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