

Converting Colors

YUV(153.3300, 20.0503,
55.8386)

Have a look what the booklet for
YUV(153.3300, 20.0503, 55.8386)
contains.

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Color

**YUV(153.3300, 20.0503,
55.8386)**

Conversions

Conversions Part 1

Format	Color
Hex	D971C2
RGB	217, 113, 194
RGB Percent	85%, 44%, 76%
CMY	0.1490, 0.5569, 0.2392
CMYK	0.00, 0.48, 0.11, 0.15
HSL	313°, 58%, 65%
HSV	313°, 48%, 85%
XYZ	44.2580, 30.4570, 54.5851
YIQ	153.3300, 35.9830, 47.2390

Conversions

Conversions Part 2

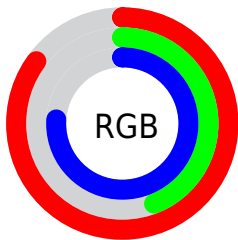
Format	Color
R _{YB}	217, 113, 194
Decimal	14250434
CIE _{Lab}	62.05, 51.14, -24.32
CIE _{LCh}	62, 56.624, 334.568
Y _{xy}	30.4570, 0.3423, 0.2356
Android (android.graphics.Color)	4292440514 (0xFFD971C2)
YUV	153.3300, 20.0503, 55.8386
Hunter-Lab	55.1879, 46.5696, -20.0109

Details

The YUV color **153.3300, 20.0503, 55.8386** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **176.6700, -20.0503, -55.8386**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4750, 23.4298, 45.1874**, and **98.4330, 20.4925, 53.9943** is the 20% darker color. If you saturate the color by 10%, you get **139.8460, 24.2329, 67.6641**, and if you desaturate by 10%, it is **166.8140, 15.8677, 44.0131**.

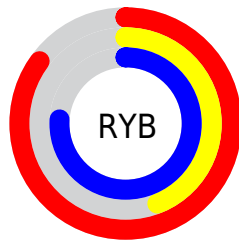
Distribution



Red (85%)

Green (44%)

Blue (76%)



Red (85%)

Yellow (44%)

Blue (76%)

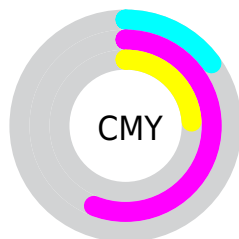


Cyan (0%)

Magenta (48%)

Yellow (11%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3300, 20.0503, 55.8386 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 153.3300, 20.0503, 55.8386 by changing the saturation by 10% instead.

153.3300, 20.0503,
55.8386

153.3300, 20.0503,
55.8386

255.0000, 0.0000,
0.0000

125.7320, 20.3451,
54.6090

203.4750, 23.4298,
45.1874

98.4330, 20.4925,
53.9943

220.3670, 17.0741,
30.3731

70.6610, 21.3661,
53.7943

237.3900, 8.6817,
15.4440

41.6550, 23.8341,
55.5536

254.4130, 0.2894,
0.5148

31.1450, 17.1835,
41.9688

21.4610, 11.1117,
29.4137

9.9830, 5.9244,

13.1699

■ 0.0000, 0.0000,
0.0000

■ 153.3300, 20.0503,
55.8386

■ 153.3300, 20.0503,
55.8386

■ 139.8460, 24.2329,
67.6641

■ 166.8140, 15.8677,
44.0131

■ 126.9490, 28.1261,
78.9747

■ 179.7110, 11.9745,
32.7025

■ 113.5790, 32.7456,
90.7002

■ 193.0810, 7.3551,
20.9770

■ 100.0950, 36.9282,
102.5257

■ 206.5650, 3.1725,
9.1515

■ 86.6110, 41.1108,
114.3512

■ 220.0490, -1.0102,
-2.6740

■ 84.1490, 41.8315,
116.5103

■ 232.9460, -4.9034,
-13.9846

■ 240.5600, -6.1921,
-20.6621

■ 241.0160, -4.4449,
-21.0620

■ 241.5860, -2.2609,
-21.5619

Harmonies

Analogous

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



153.0710, 39.4050, 7.8307



153.3300, 20.0503, 55.8386



149.5230, -2.7228, 80.2253

Triad

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



153.3300, 20.0503, 55.8386



143.5540, -50.5591, 23.1931



125.0350, 39.9157, -109.6557

Complementary

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



153.3300, 20.0503, 55.8386



176.6700, -20.0503, -55.8386

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.



119.9220, 17.7865, -105.1716



153.3300, 20.0503, 55.8386



138.0310, -37.4833, -17.5672

Square

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



153.3300, 20.0503, 55.8386



146.4840, -44.1156, 56.5805



121.3170, -8.0443, -80.0850



124.8020, 56.7926, -109.4514

Rectangle

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



153.3300, 20.0503, 55.8386



148.1090, -18.2947, 81.4654



121.3170, -8.0443, -80.0850



123.7980, 32.6376, -108.5708

Sweetspot

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



153.3300, 20.0503, 55.8386



232.9560, 6.9237, 19.3326



131.7330, 42.0366, 3.7422



114.5160, 4.1826, 11.8255



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



153.3300, 20.0503, 55.8386



164.3620, 28.4155, 79.4895



147.4020, -2.6632, 61.0374



103.2010, 1.8729, 5.9627



67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Inverse Universe

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



153.3300, 20.0503, 55.8386



164.3620, 28.4155, 79.4895



182.5980, 2.6632, -61.0374



103.2010, 1.8729, 5.9627



67.1170, 33.4663, 92.8594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 153.3300, 20.0503, 55.8386 looks on a white background.

Color Contrast Check

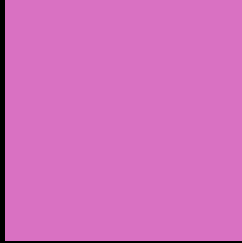
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.3300, 20.0503, 55.8386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

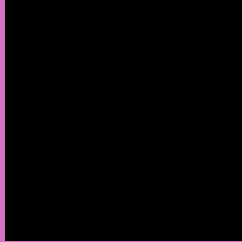
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.3300, 20.0503, 55.8386

Background



This preview shows how black text looks on a background with the YUV color 153.3300, 20.0503, 55.8386.



This preview shows how white text looks on a background with the YUV color 153.3300, 20.0503,

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

153.3300, 20.0503, 55.8386

Protanopia

149.7440, 35.1292, -20.8235

Deuteranopia

151.3750, 18.0561, -4.7139



Tritanopia

152.1420, -8.4510, 50.7415

Trichromacy



Original Color

153.3300, 20.0503, 55.8386



Protanomaly

150.8400, 29.6589, 7.1563



Deuteranomaly

152.3330, 18.5698, 17.2480



Tritanomaly

152.4980, 1.7265, 53.0603

Monochromacy



Original Color

153.3300, 20.0503, 55.8386



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

152.7820, 7.5025, 20.3622

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3300, 20.0503, 55.8386 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(217, 113, 194)` looks like.

```
.text, #text, p{  
    color:rgb(217, 113, 194)  
}
```

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(217, 113, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 113, 194) }
```

Border

The CSS property to change the border of an element to YUV 153.3300, 20.0503, 55.8386 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(217, 113, 194) }
```


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

```
.border{ border-color:rgb(217, 113, 194) }
```

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

Here you see how a box with a 4 pixel rgb(217, 113, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 113, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 113, 194);  
box-shadow:4px 4px 4px 4px rgb(217, 113,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 153.3300, 20.0503, 55.8386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 113, 194) }
```

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

```
.background{ background-color: rgb(217,  
113, 194) }
```

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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