

Converting Colors

YUV(213.4020, 20.5078, 2.2784)

Have a look what the booklet for
YUV(213.4020, 20.5078, 2.2784)
contains.

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Color

**YUV(213.4020, 20.5078,
2.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	D8CCFF
RGB	216, 204, 255
RGB Percent	85%, 80%, 100%
CMY	0.1529, 0.2000, 0.0000
CMYK	0.15, 0.20, 0.00, 0.00
HSL	254°, 100%, 90%
HSV	254°, 20%, 100%
XYZ	67.9618, 65.0047, 103.5729
YIQ	213.4020, -9.2190, 18.4050

Conversions

Conversions Part 2

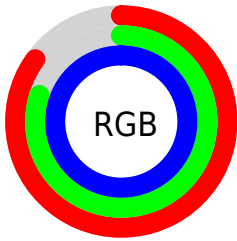
Format	Color
R _Y B	216, 204, 255
Decimal	14208255
CIE _{Lab}	84.49, 13.98, -23.44
CIE _{LCh}	84, 27.293, 300.806
Y _{xy}	65.0047, 0.2873, 0.2748
Android (android.graphics.Color)	4292398335 (0xFFD8CCFF)
Y _{UV}	213.4020, 20.5078, 2.2784
Hunter-Lab	80.6255, 9.3688, -19.7272

Details

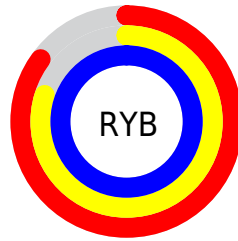
The YUV color **213.4020, 20.5078, 2.2784** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **245.5980, -20.5078, -2.2784**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **158.7610, 19.3448, 1.9636** is the 20% darker color. If you saturate the color by 10%, you get **193.0460, 30.5433, 3.4677**, and if you desaturate by 10%, it is **234.6440, 10.0355, 1.1892**.

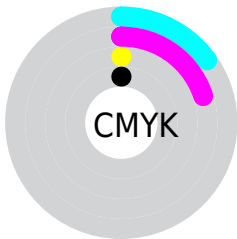
Distribution



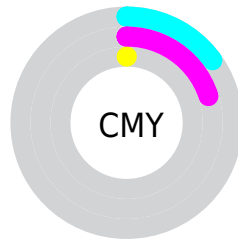
- Red (85%)
- Green (80%)
- Blue (100%)



- Red (85%)
- Yellow (80%)
- Blue (100%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.4020, 20.5078, 2.2784 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 213.4020, 20.5078, 2.2784 by changing the saturation by 10% instead.

■ 213.4020, 20.5078,
2.2784

■ 213.4020, 20.5078,
2.2784

255.0000, 0.0000,
0.0000

■ 185.8750, 19.7816,
1.8636

■ 158.7610, 19.3448,
1.9636

■ 132.3480, 19.0554,
1.4488

■ 106.8210, 18.3292,
1.0340

■ 82.5930, 17.4557,
1.2339

■ 59.7670, 16.8769,
0.2043

■ 36.9410, 16.2981,

-0.8253

■ 15.1260, 15.7139,
-0.1105

■ 3.5510, 11.0674,
-3.1142

■ 213.4020, 20.5078,
2.2784

■ 213.4020, 20.5078,
2.2784

■ 193.0460, 30.5433,
3.4677

■ 234.6440, 10.0355,
1.1892

■ 171.8040, 41.0156,
4.5569

255.0000, 0.0000,
0.0000

■ 151.4480, 51.0511,
5.7461

■ 130.2060, 61.5234,
6.8353

■ 109.8500, 71.5589,
8.0246

■ 88.6080, 82.0313,
9.1138

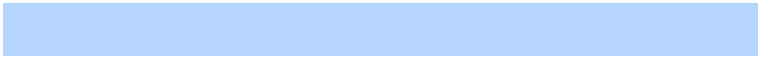
■ 67.6650, 92.3562,
10.8178

■ 47.0100, 102.5391,
11.3922

Harmonies

Analogous

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



208.2200, 23.0625, -23.8719



213.4020, 20.5078, 2.2784



215.2110, 10.2490, 26.1250

Triad

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



213.4020, 20.5078, 2.2784



212.0740, -22.2215, 34.1381



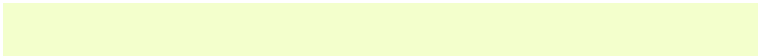
200.0820, 5.3826, -46.5529

Complementary

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



213.4020, 20.5078, 2.2784



245.5980, -20.5078, -2.2784

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.



203.4190, -9.0806, -27.5545



213.4020, 20.5078, 2.2784



209.2800, -24.7880, 17.2944

Square

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



213.4020, 20.5078, 2.2784



211.3270, -12.4862, 38.3012



206.4020, -19.9182, -4.7376



199.9420, 17.7766, -55.2001

Rectangle

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



213.4020, 20.5078, 2.2784



214.6160, 2.6543, 35.4168



206.4020, -19.9182, -4.7376



201.1490, 0.4195, -41.3497

Sweetspot

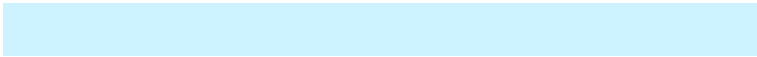
The Sweet Spot groups the original color and five complimentary colors.



213.4020, 20.5078, 2.2784



242.6070, 6.1097, 0.3447



232.7070, 10.9904, -25.1760



120.6240, 3.6364, 0.3298



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.



213.4020, 20.5078, 2.2784



205.1400, 24.5810, 2.5082



220.8770, 16.8226, 17.6479



117.3790, 5.2362, 0.5446



35.2290, 76.7951, 8.5692



11.7810, 25.7440, 2.8231

Inverse Universe

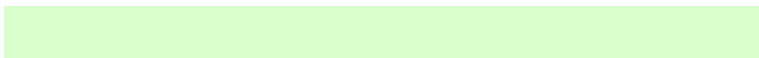
The Inverse Universe completely reimagines the original color for something new.



223.6950, 9.5174, 27.4545



217.5970, 11.5377, 32.8024



238.1230, -16.8226, -17.6479



120.0270, 2.4517, 6.9923



73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 213.4020, 20.5078, 2.2784 looks on a white background.

Color Contrast Check

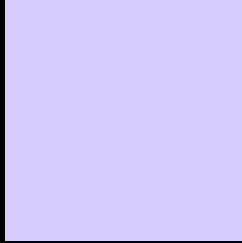
Large Text (above 18pt) WCAG AA × Fail

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 213.4020, 20.5078, 2.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

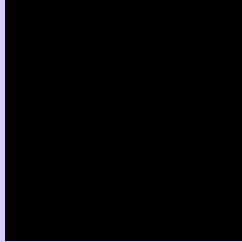
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.4020, 20.5078, 2.2784

Background



This preview shows how black text looks on a background with the YUV color 213.4020, 20.5078, 2.2784.



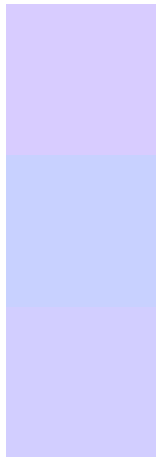
This preview shows how white text looks on a background with the YUV color 213.4020, 20.5078,

2.2784.

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

213.4020, 20.5078, 2.2784

Protanopia

211.5530, 21.4194, -10.1320

Deuteranopia

212.7820, 20.8135, -2.4398



Tritanopia

211.5360, 7.1308, -0.4701

Trichromacy



Original Color

213.4020, 20.5078, 2.2784

Protanomaly

212.1730, 21.1137, -5.4137

Deuteranomaly

212.7930, 20.8081, -0.6955

Tritanomaly

212.2140, 12.2195, 0.6893

Monochromacy



Original Color

213.4020, 20.5078, 2.2784

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.2480, 7.2727, 0.6595

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.4020, 20.5078, 2.2784 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(216, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 255)  
}
```

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(216, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 255) }
```

Border

The CSS property to change the border of an element to YUV 213.4020, 20.5078, 2.2784 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(216, 204, 255) }
```


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

```
.border{ border-color:rgb(216, 204, 255) }
```

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

Here you see how a box with a 4 pixel rgb(216, 204, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 213.4020, 20.5078, 2.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 255) }
```

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

```
.background{ background-color: rgb(216,  
204, 255) }
```

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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