

Converting Colors

YUV(218.0320, -12.3408,
-55.2791)

Have a look what the booklet for
YUV(218.0320, -12.3408, -55.2791)
contains.

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Color

**YUV(218.0320, -12.3408,
-55.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFC1
RGB	155, 255, 193
RGB Percent	61%, 100%, 76%
CMY	0.3922, 0.0000, 0.2431
CMYK	0.39, 0.00, 0.24, 0.00
HSL	143°, 100%, 80%
HSV	143°, 39%, 100%
XYZ	58.9032, 82.3388, 63.2405
YIQ	218.0320, -39.6980, -40.4820

Conversions

Conversions Part 2

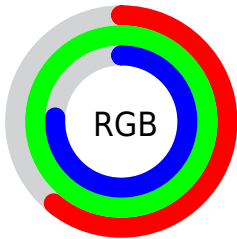
Format	Color
RYB	155, 227, 255
Decimal	10223553
CIELab	92.72, -42.35, 20.59
CIELCh	93, 47.089, 154.075
Yxy	82.3388, 0.2881, 0.4027
Android (android.graphics.Color)	4288413633 (0xFF9BFFC1)
YUV	218.0320, -12.3408, -55.2791
Hunter-Lab	90.7407, -42.9253, 22.1972

Details

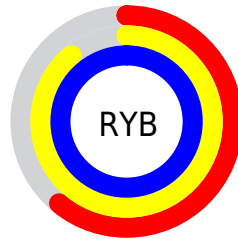
The YUV color **218.0320, -12.3408, -55.2791** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **191.9680, 12.3408, 55.2791**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.8720, 4.0071, -25.3207**, and **161.6730, -11.1778, -54.9642** is the 20% darker color. If you saturate the color by 10%, you get **208.7330, -15.6444, -69.0488**, and if you desaturate by 10%, it is **227.3310, -9.0372, -41.5093**.

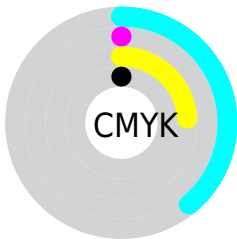
Distribution



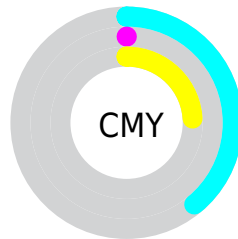
- Red (61%)
- Green (100%)
- Blue (76%)



- Red (61%)
- Yellow (89%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.0320, -12.3408, -55.2791 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 218.0320, -12.3408, -55.2791 by changing the saturation by 10% instead.

■ 218.0320,
-12.3408, -55.2791

■ 218.0320,
-12.3408, -55.2791

255.0000, 0.0000,
0.0000

■ 189.5590,
-11.6146, -54.8642

■ 241.8720, 4.0071,
-25.3207

■ 161.6730,
-11.1778, -54.9642

■ 251.1130, 1.9163,
-7.9921

■ 133.7160, -9.7200,
-55.8789

■ 105.7480, -8.2568,
-58.5380

■ 76.0890, -5.4669,
-66.7301

■ 58.2050, -7.9891,
-51.0458

■ 41.7230, -10.2164,

-36.5911

■ 25.8280, -12.7332,
-22.6512

■ 9.9790, -4.9196,
-8.7516

■ 218.0320,
-12.3408, -55.2791

■ 218.0320,
-12.3408, -55.2791

■ 208.7330,
-15.6444, -69.0488

■ 227.3310, -9.0372,
-41.5093

■ 199.1350,
-18.8006, -83.4334

■ 236.9290, -5.8810,
-27.1247

■ 189.9500,
-21.6674, -97.3032

■ 246.4130, -3.1616,
-12.6402

■ 180.3520,
-24.8235, -111.6877

255.0000, 0.0000,
0.0000

■ 170.7540,
-27.9797, -126.0723

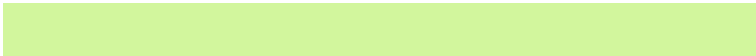
■ 161.4550,
-31.2833, -139.8420

■ 160.7430,
-31.4253, -140.9716

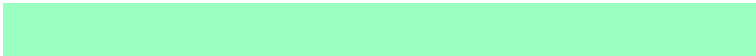
Harmonies

Analogous

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



225.0900, -33.5684, -13.2339



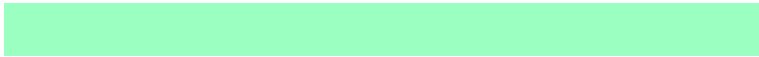
218.0320, -12.3408, -55.2791



204.7380, 16.8912, -97.9942

Triad

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



218.0320, -12.3408, -55.2791



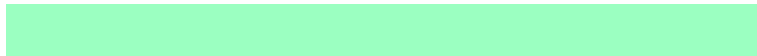
221.1230, 16.7014, -36.9419



217.1970, -15.3801, 33.1532

Complementary

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



218.0320, -12.3408, -55.2791



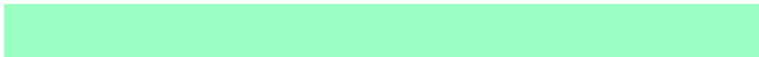
191.9680, 12.3408, 55.2791

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.



219.2780, 5.2859, 31.3282



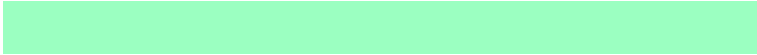
218.0320, -12.3408, -55.2791



232.3620, 11.1605, 13.7145

Square

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



218.0320, -12.3408, -55.2791



205.1330, 24.5844, -92.2016



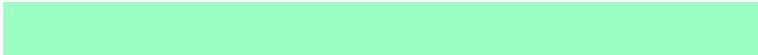
225.6500, 14.4696, 25.7400



221.7670, -33.4091, 29.1453

Rectangle

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



218.0320, -12.3408, -55.2791



194.6020, 29.7762, -124.1850



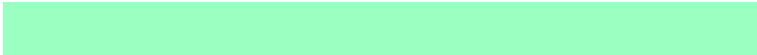
225.6500, 14.4696, 25.7400



216.9180, -8.8336, 33.3979

Sweetspot

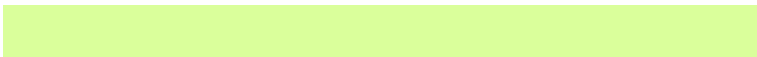
The Sweet Spot groups the original color and five complimentary colors.



218.0320, -12.3408, -55.2791



243.5650, -3.7295, -17.1585



232.5370, -38.2257, -12.7489



121.2500, -2.5882, -9.8663



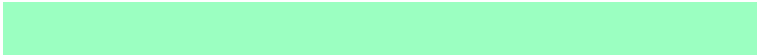
0.0000, 0.0000, 0.0000



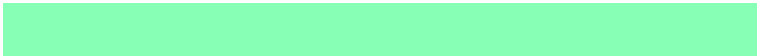
128.0000, 0.0000, 0.0000

Same Dimension

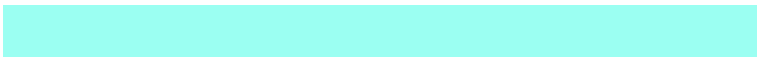
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.0320, -12.3408, -55.2791



210.6840, -14.6342, -66.3749



223.6180, 9.0623, -60.1780



123.2010, -1.5781, -7.1923



120.4390, -23.3874, -105.6250



40.3040, -8.0379, -35.3466

Inverse Universe

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



191.9680, 12.3408, 55.2791



179.3160, 14.6342, 66.3749



186.3820, -9.0623, 60.1780



119.7990, 1.5781, 7.1923



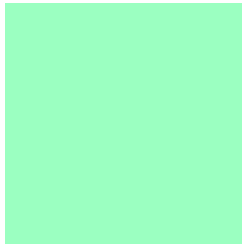
70.6750, 23.8242, 105.5250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 218.0320, -12.3408, -55.2791 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 218.0320, -12.3408, -55.2791 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 218.0320, -12.3408, -55.2791 Background



This preview shows how black text looks on a background with the YUV color 218.0320, -12.3408, -55.2791.



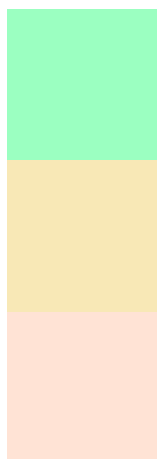
This preview shows how white text looks on a background with the YUV color 218.0320, -12.3408, -55.2791.

-55.2791.

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

218.0320, -12.3408, -55.2791

Protanopia

231.0840, -24.1984, 14.8353

Deuteranopia

233.7760, -10.2426, 18.6134



Tritanopia

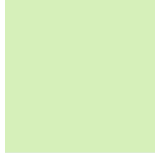
228.5430, 13.0433, -30.2942

Trichromacy



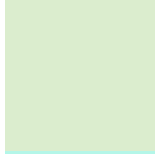
Original Color

218.0320, -12.3408, -55.2791



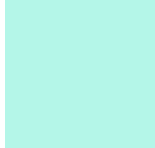
Protanomaly

226.0700, -19.7545, -10.5854



Deuteranomaly

228.0840, -10.8874, -7.9667



Tritanomaly

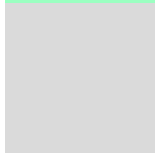
224.6700, 3.6137, -39.1756

Monochromacy



Original Color

218.0320, -12.3408, -55.2791



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.7280, -4.3029, -19.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.0320, -12.3408, -55.2791 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(155, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 193)  
}
```

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(155, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 193) }
```

Border

The CSS property to change the border of an element to YUV 218.0320, -12.3408, -55.2791 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(155, 255, 193) }
```


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

```
.border{ border-color:rgb(155, 255, 193) }
```

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

Here you see how a box with a 4 pixel rgb(155, 255, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 218.0320, -12.3408, -55.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 193) }
```

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

```
.background{ background-color: rgb(155,  
255, 193) }
```

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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