

Converting Colors

YUV(203.7620, 20.8233,
-52.4113)

Have a look what the booklet for
YUV(203.7620, 20.8233, -52.4113)
contains.

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Color

**YUV(203.7620, 20.8233,
-52.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	90E2F6
RGB	144, 226, 246
RGB Percent	56%, 89%, 96%
CMY	0.4353, 0.1137, 0.0353
CMYK	0.41, 0.08, 0.00, 0.04
HSL	192°, 85%, 76%
HSV	192°, 41%, 96%
XYZ	55.3325, 66.9758, 97.2001
YIQ	203.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

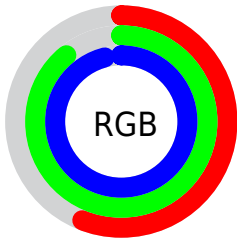
Format	Color
RYB	144, 189, 246
Decimal	9495286
CIELab	85.49, -19.97, -17.59
CIELCh	85, 26.611, 221.372
Yxy	66.9758, 0.2521, 0.3051
Android (android.graphics.Color)	4287685366 (0xFF90E2F6)
YUV	203.7620, 20.8233, -52.4113
Hunter-Lab	81.8388, -22.5311, -13.1317

Details

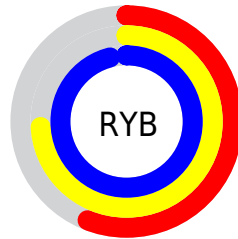
The YUV color **203.7620, 20.8233, -52.4113** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **186.2380, -20.8233, 52.4113**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1530, 7.8126, -32.5832**, and **148.0500, 20.6814, -53.5408** is the 20% darker color. If you saturate the color by 10%, you get **193.3520, 25.9555, -65.2067**, and if you desaturate by 10%, it is **214.1720, 15.6912, -39.6158**.

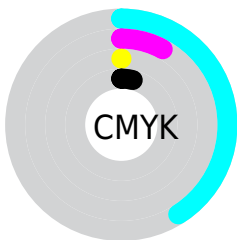
Distribution



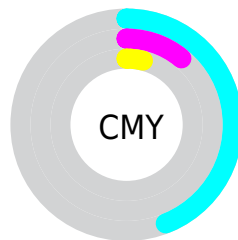
- Red (56%)
- Green (89%)
- Blue (96%)



- Red (56%)
- Yellow (74%)
- Blue (96%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (44%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.7620, 20.8233, -52.4113 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 203.7620, 20.8233, -52.4113 by changing the saturation by 10% instead.

■ 203.7620, 20.8233,
-52.4113

■ 203.7620, 20.8233,
-52.4113

255.0000, 0.0000,
0.0000

■ 175.7620, 20.8233,
-52.4113

■ 239.1530, 7.8126,
-32.5832

■ 148.0500, 20.6814,
-53.5408

■ 247.8240, 3.5378,
-14.7546

■ 120.1530, 21.1236,
-55.3852

■ 89.8530, 22.7505,
-63.8921

■ 67.2450, 21.5712,
-58.9739

■ 50.4210, 18.0334,
-44.2192

■ 34.7710, 13.9169,

-30.4942

■ 21.1100, 9.8058,
-18.5135

■ 2.9810, 8.8834,
-2.6143

■ 203.7620, 20.8233,
-52.4113

■ 203.7620, 20.8233,
-52.4113

■ 193.3520, 25.9555,
-65.2067

■ 214.1720, 15.6912,
-39.6158

■ 183.2410, 30.9402,
-77.3874

■ 224.2830, 10.7065,
-27.4352

■ 173.4180, 35.7829,
-90.6976

■ 234.1060, 5.8637,
-14.1250

■ 163.3070, 40.7676,
-102.8782

■ 244.2170, 0.8790,
-1.9443

■ 152.8970, 45.8998,
-115.6737

■ 251.0390, -2.4842,
3.4738

■ 144.2700, 50.1529,
-126.5248

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

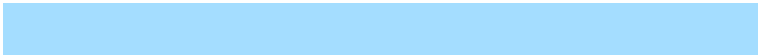
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202.9120, 9.9034, -49.9118



203.7620, 20.8233, -52.4113



207.8330, 23.2533, -38.4415

Triad

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



203.7620, 20.8233, -52.4113



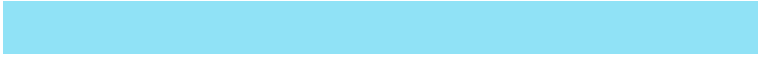
217.8050, 6.0121, 31.7430



211.5780, -23.4560, 10.0171

Complementary

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



203.7620, 20.8233, -52.4113



186.2380, -20.8233, 52.4113

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.



214.4000, -23.3682, 28.5902



203.7620, 20.8233, -52.4113



214.6670, -4.7658, 35.3720

Square

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



203.7620, 20.8233, -52.4113



217.2460, 17.1337, 11.1853



213.6920, -16.1172, 36.2271



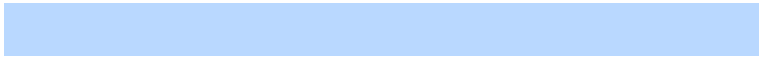
208.2700, -16.4021, -12.5148

Rectangle

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



203.7620, 20.8233, -52.4113



211.1770, 21.6047, -22.9572



213.6920, -16.1172, 36.2271



212.0950, -24.2038, 16.5797

Sweetspot

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



203.7620, 20.8233, -52.4113



242.2090, 6.3060, -15.9693



206.0400, -21.2187, -54.4091



120.2700, 3.8109, -9.0068



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.



203.7620, 20.8233, -52.4113



202.3520, 25.9555, -65.2067



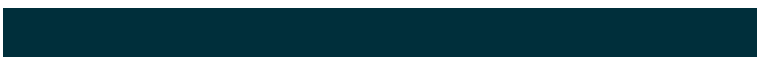
174.4120, 35.2929, -26.6713



117.2380, 2.3477, -6.3477



109.2540, 37.8358, -95.8158



34.3150, 12.1697, -30.0943

Inverse Universe

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



183.8460, 20.7819, 54.5091



177.6010, 25.8327, 67.8789



215.5880, -35.2929, 26.6713



114.7280, 2.5991, 6.3775



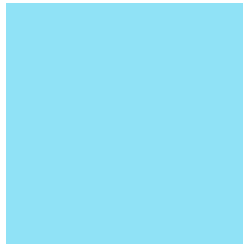
72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 203.7620, 20.8233, -52.4113 looks on a white background.

Color Contrast Check

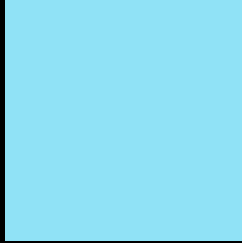
Large Text (above 18pt) WCAG AA × Fail

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 203.7620, 20.8233, -52.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

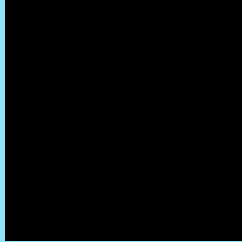
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.7620, 20.8233, -52.4113

Background



This preview shows how black text looks on a background with the YUV color 203.7620, 20.8233, -52.4113.



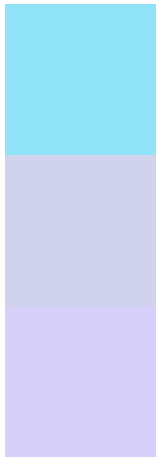
This preview shows how white text looks on a background with the YUV color 203.7620, 20.8233, -52.4113.

-52.4113.

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

203.7620, 20.8233, -52.4113

Protanopia

213.2520, 11.2148, -3.7290

Deuteranopia

214.8810, 17.3137, 0.1044



Tritanopia

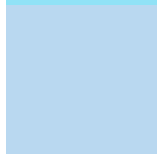
203.5340, 19.9497, -52.2113

Trichromacy



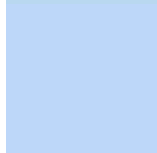
Original Color

203.7620, 20.8233, -52.4113



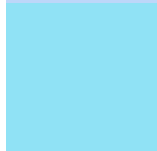
Protanomaly

209.4670, 15.0528, -21.4576



Deuteranomaly

211.1020, 18.6837, -19.3835



Tritanomaly

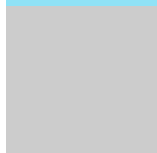
203.6480, 20.3865, -52.3113

Monochromacy



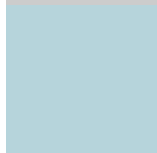
Original Color

203.7620, 20.8233, -52.4113



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

203.8280, 7.4798, -19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.7620, 20.8233, -52.4113 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(144, 226, 246)` looks like.

```
.text, #text, p{  
    color:rgb(144, 226, 246)  
}
```

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(144, 226, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 226, 246) }
```

Border

The CSS property to change the border of an element to YUV 203.7620, 20.8233, -52.4113 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(144, 226, 246) }
```


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

```
.border{ border-color:rgb(144, 226, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 226, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 226, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 226, 246);  
box-shadow:4px 4px 4px 4px rgb(144, 226,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 203.7620, 20.8233, -52.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 226, 246) }
```

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

```
.background{ background-color: rgb(144,  
226, 246) }
```

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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