

Converting Colors

XYZ(62.2258, 83.1522,
104.0371)

Have a look what the booklet for
XYZ(62.2258, 83.1522, 104.0371)
contains.

XYZ(62.2258, 83.1522, 104.0371)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.2258, 83.1522,
104.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	81FFFB
RGB	129, 255, 251
RGB Percent	51%, 100%, 98%
CMY	0.4941, 0.0000, 0.0157
CMYK	0.49, 0.00, 0.02, 0.00
HSL	178°, 100%, 75%
HSV	178°, 49%, 100%
XYZ	62.2258, 83.1522, 104.0371
YIQ	216.8700, -73.8120, -27.9560

Conversions

Conversions Part 2

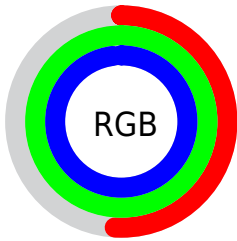
Format	Color
R_{YB}	129, 193, 255
Decimal	8519675
CIE Lab	93.08, -36.02, -8.92
CIE LCh	93, 37.107, 193.905
Yxy	83.1522, 0.2495, 0.3334
Android (android.graphics.Color)	4286709755 (0xFF81FFFB)
YUV	216.8700, 16.8261, -77.0620
Hunter-Lab	91.1878, -37.7718, -3.8131

Details

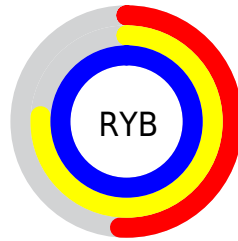
The XYZ color **62.2258, 83.1522, 104.0371** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.3248, 38.6554, 26.8422**, and the grayscale version is **65.7894, 69.2155, 75.3757**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **32.1588, 45.4183, 58.7014** is the 20% darker color. If you saturate the color by 10%, you get **58.6972, 81.3477, 103.2089**, and if you desaturate by 10%, it is **66.7235, 85.4560, 104.9164**.

Distribution



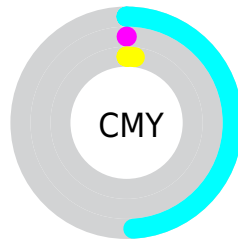
- Red (51%)
- Green (100%)
- Blue (98%)



- Red (51%)
- Yellow (76%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2258, 83.1522, 104.0371 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 XYZ color 62.2258, 83.1522, 104.0371 by changing the saturation by 10% instead.

62.2258, 83.1522,
104.0371

62.2258, 83.1522,
104.0371

422.4587,
505.4936, 594.4168

45.4715, 62.3157,
79.0407

107.1399,
137.7886, 168.7942

32.0318, 45.2879,
58.4078

136.0304,
172.3573, 209.3920

21.5415, 31.6842,
41.7197

169.6970,
212.2722, 256.0274

13.6351, 21.1204,
28.5580

208.5050,
257.9177, 309.1189

7.9473, 13.2121,
18.5040

252.8198,
309.6782, 369.0850

4.1128, 7.5747,
11.1392

303.0068,

1.7661, 3.8241,

367.9381, 436.3444

6.0452

359.4313,
433.0818, 511.3154

■ 0.4971, 1.5756,
2.8034

■ 0.0000, 0.3411,
0.9951

■ 62.2258, 83.1522,
104.0371

■ 62.2258, 83.1522,
104.0371

■ 58.6972, 81.3477,
103.2089

■ 66.7235, 85.4560,
104.9164

■ 56.0610, 80.0034,
102.4238

■ 72.2527, 88.2916,
105.8454

■ 54.2348, 79.0765,
101.6795

■ 78.8745, 91.6903,
106.8284

■ 53.1189, 78.5158,
100.9712

■ 86.6442, 95.6808,
107.8680

■ 52.5605, 78.2424,
100.2919

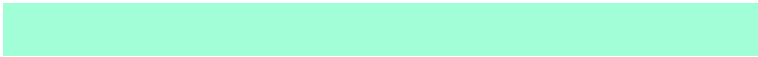
95.0500, 100.0000,
108.9000

■ 52.5343, 78.2297,
100.2522

Harmonies

Analogous

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



62.3838, 83.1522, 76.4794



62.2258, 83.1522, 104.0371



66.3038, 83.1522, 133.0180

Triad

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



62.2258, 83.1522, 104.0371



92.7330, 83.1522, 134.8989



84.3357, 83.1522, 48.1930

Complementary

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



62.2258, 83.1522, 104.0371



53.3248, 38.6554, 26.8422

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.



93.2968, 83.1522, 58.2286



62.2258, 83.1522, 104.0371



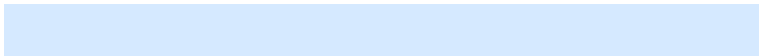
98.4101, 83.1522, 106.2231

Square

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



62.2258, 83.1522, 104.0371



83.6162, 83.1522, 153.1573



98.6245, 83.1522, 78.2613



74.6217, 83.1522, 47.8456

Rectangle

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



62.2258, 83.1522, 104.0371



71.0853, 83.1522, 147.6975



98.6245, 83.1522, 78.2613



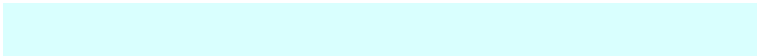
87.5535, 83.1522, 50.4351

Sweetspot

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



62.2269, 83.1527, 104.0386



82.1562, 93.3755, 107.2797



49.4280, 78.1083, 33.2419



17.2430, 19.8107, 22.9158



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.2269, 83.1527, 104.0386



58.8237, 81.4124, 103.2420



46.8896, 51.4587, 102.0689



18.5285, 20.4709, 23.0860



27.4614, 40.8812, 52.4427



2.6814, 3.9835, 5.1458

Inverse Universe

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



53.3248, 38.6554, 26.8422



49.0237, 32.3828, 18.2264



63.1439, 58.7273, 28.7781



18.0327, 17.9964, 18.7896



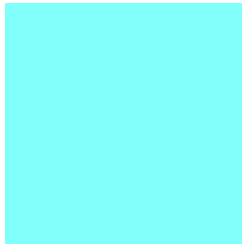
21.5820, 11.1221, 1.1836



2.1092, 1.0861, 0.1566

Previews

White Background



This preview shows how the XYZ color 62.2258, 83.1522, 104.0371 looks on a white background.

Color Contrast Check

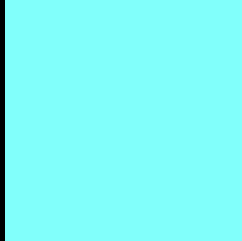
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 62.2258, 83.1522, 104.0371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

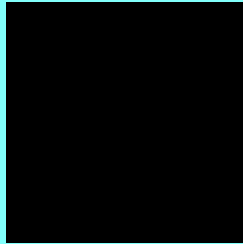
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2258, 83.1522, 104.0371

Background



This preview shows how black text looks on a background with the XYZ color 62.2258, 83.1522, 104.0371.

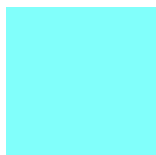


This preview shows how white text looks on a background with the XYZ color 62.2258, 83.1522,

Color Blindness Simulation

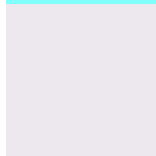
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



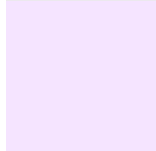
Original Color

62.2258, 83.1522, 104.0371



Protanopia

78.8813, 81.7191, 92.5048



Deuteranopia

83.4496, 82.1193, 106.0601



Tritanopia

71.3869, 82.7402, 106.8157

Trichromacy



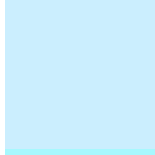
Original Color

62.2258, 83.1522, 104.0371



Protanomaly

70.3637, 80.6616, 96.6547



Deuteranomaly

73.0925, 81.0013, 105.5484



Tritanomaly

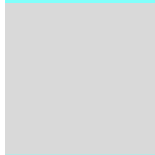
67.3931, 82.5061, 106.1392

Monochromacy



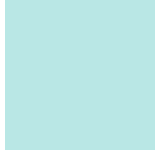
Original Color

62.2258, 83.1522, 104.0371



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.7264, 73.1233, 84.9369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2258, 83.1522, 104.0371 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(129, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(129, 255, 251)  
}
```

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(129, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 62.2258, 83.1522, 104.0371 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(129, 255, 251) }
```


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

```
.border{ border-color:rgb(129, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(129, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2258, 83.1522, 104.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 255, 251) }
```

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

```
.background{ background-color: rgb(129,  
255, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor