

Converting Colors

XYZ(68.8065, 96.0914,
105.2049)

Have a look what the booklet for
XYZ(68.8065, 96.0914, 105.2049)
contains.

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Color

**XYZ(62.3754, 83.2474,
103.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	83FFFA
RGB	131, 255, 250
RGB Percent	51%, 100%, 98%
CMY	0.4863, 0.0000, 0.0196
CMYK	0.49, 0.00, 0.02, 0.00
HSL	178°, 100%, 76%
HSV	178°, 49%, 100%
XYZ	62.3754, 83.2474, 103.2233
YIQ	217.3540, -72.2990, -27.8430

Conversions

Conversions Part 2

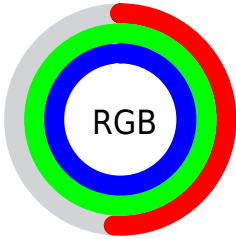
Format	Color
RYB	131, 194, 255
Decimal	8650746
CIELab	93.12, -35.85, -8.33
CIELCh	93, 36.806, 193.081
Yxy	83.2474, 0.2507, 0.3345
Android (android.graphics.Color)	4286840826 (0xFF83FFFA)
YUV	217.3540, 16.0945, -75.7325
Hunter-Lab	91.2400, -37.6401, -3.2090

Details

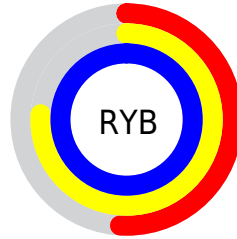
The XYZ color **62.3754, 83.2474, 103.2233** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **53.8013, 39.2718, 28.0385**, and the grayscale version is **66.1252, 69.5689, 75.7605**.

A 20% lighter version of the original color is **75.2959, 89.8164, 107.9755**, and **32.2464, 45.4765, 58.1172** is the 20% darker color. If you saturate the color by 10%, you get **58.7401, 81.3919, 102.2154**, and if you desaturate by 10%, it is **66.9856, 85.6054, 104.2843**.

Distribution



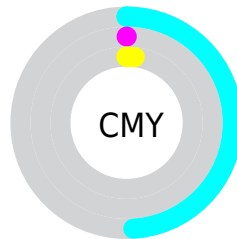
- Red (51%)
- Green (100%)
- Blue (98%)



- 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 62.3754, 83.2474, 103.2233 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 62.3754, 83.2474, 103.2233 by changing the saturation by 10% instead.


 62.3754, 83.2474,
103.2233


 62.3754, 83.2474,
103.2233


422.9949,
505.8107, 591.8129


 45.5928, 62.3943,
78.3633


 107.3548,
137.9219, 167.6701

 32.1279, 45.3514,
57.8543


 136.2823,
172.5121, 208.0940

 21.6152, 31.7343,
41.2776


 169.9889,
212.4500, 254.5430

 13.6895, 21.1586,
28.2147

208.8399,
258.1202, 307.4356

 7.9853, 13.2400,
18.2471

253.2006,
309.9069, 367.1904

 4.1372, 7.5940,
10.9563

303.4365,

 1.7801, 3.8363,

368.1947, 434.2258

5.9236

359.9128,
433.3678, 508.9605

■ 0.5056, 1.5824,
2.7307

■ 0.0000, 0.3457,
0.9588

■ 62.3754, 83.2474,
103.2233

■ 62.3754, 83.2474,
103.2233

■ 58.7401, 81.3919,
102.2154

■ 66.9856, 85.6054,
104.2843

■ 56.0036, 79.9997,
101.2528

■ 72.6325, 88.4977,
105.3969

■ 54.0845, 79.0287,
100.3329

■ 79.3769, 91.9556,
106.5655

■ 52.8845, 78.4284,
99.4513

■ 87.2737, 96.0076,
107.7927

■ 52.2643, 78.1268,
98.6013

95.0500, 100.0000,
108.9000

■ 52.1988, 78.0955,
98.4858

Harmonies

Analogous

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



62.6505, 83.2474, 76.0257



62.3754, 83.2474, 103.2233



66.3180, 83.2474, 132.0488

Triad

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



62.3754, 83.2474, 103.2233



92.5015, 83.2474, 135.3126



84.6538, 83.2474, 48.6792

Complementary

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



62.3754, 83.2474, 103.2233



53.8013, 39.2718, 28.0385

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.



93.4811, 83.2474, 58.9460



62.3754, 83.2474, 103.2233



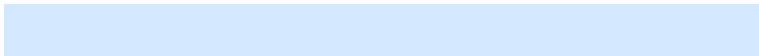
98.2586, 83.2474, 107.0215

Square

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



62.3754, 83.2474, 103.2233



83.4031, 83.2474, 152.9595



98.6310, 83.2474, 79.1274



74.9941, 83.2474, 48.0725

Rectangle

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



62.3754, 83.2474, 103.2233



71.0092, 83.2474, 146.8300



98.6310, 83.2474, 79.1274



87.8349, 83.2474, 51.0022

Sweetspot

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



62.3765, 83.2480, 103.2248



82.1037, 93.3545, 107.0035



50.2073, 78.4946, 33.9795



17.2302, 19.8055, 22.8484



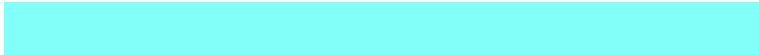
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.3765, 83.2480, 103.2248



58.9403, 81.4939, 102.2771



47.8810, 52.9858, 102.3114



18.5214, 20.4681, 23.0485



27.2890, 40.8122, 51.5346



2.6665, 3.9775, 5.0676

Inverse Universe

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



53.8013, 39.2718, 28.0385



49.4922, 32.9899, 19.4002



63.0657, 58.3560, 29.4146



18.0390, 17.9989, 18.8228



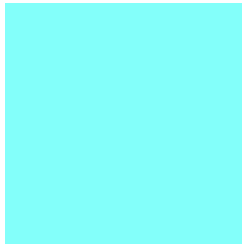
21.5910, 11.1257, 1.2309



2.1122, 1.0873, 0.1723

Previews

White Background



This preview shows how the XYZ color 62.3754, 83.2474, 103.2233 looks on a white background.

Color Contrast Check

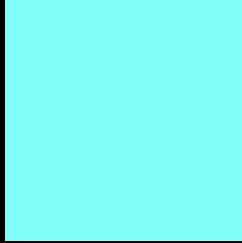
Large Text (above 18pt) WCAG AA × Fail

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 62.3754, 83.2474, 103.2233 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 62.3754, 83.2474, 103.2233

Background



This preview shows how black text looks on a background with the XYZ color 62.3754, 83.2474, 103.2233.

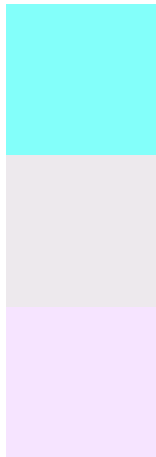


This preview shows how white text looks on a background with the XYZ color 62.3754, 83.2474,

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

62.3754, 83.2474, 103.2233

Protanopia

79.3500, 82.3968, 91.8427

Deuteranopia

83.7994, 82.2996, 106.0765



Tritanopia

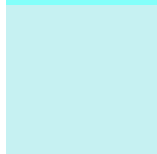
71.6359, 82.8685, 106.8274

Trichromacy



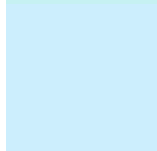
Original Color

62.3754, 83.2474, 103.2233



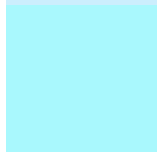
Protanomaly

70.7710, 81.3272, 95.9721



Deuteranomaly

73.2060, 81.0783, 104.7198



Tritanomaly

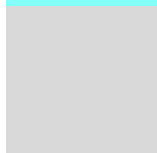
67.6592, 82.6617, 105.3178

Monochromacy



Original Color

62.3754, 83.2474, 103.2233



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.9685, 73.2481, 84.9482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3754, 83.2474, 103.2233 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(131, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(131, 255, 250)  
}
```

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(131, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 62.3754, 83.2474, 103.2233 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(131, 255, 250) }
```


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

```
.border{ border-color:rgb(131, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3754, 83.2474, 103.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 255, 250) }
```

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

```
.background{ background-color: rgb(131,  
255, 250) }
```

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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