

Converting Colors

XYZ(96.8042, 155.8576,
87.0271)

Have a look what the booklet for
XYZ(96.8042, 155.8576, 87.0271)
contains.

XYZ(60.4062, 82.8528, 75.0958)	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(60.4062, 82.8528,
75.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	97FFD4
RGB	151, 255, 212
RGB Percent	59%, 100%, 83%
CMY	0.4078, 0.0000, 0.1686
CMYK	0.41, 0.00, 0.17, 0.00
HSL	155°, 100%, 80%
HSV	155°, 41%, 100%
XYZ	60.4062, 82.8528, 75.0958
YIQ	219.0020, -48.1810, -35.4210

Conversions

Conversions Part 2

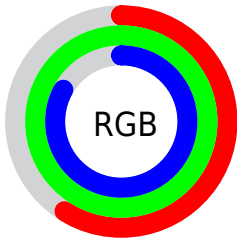
Format	Color
RYB	151, 217, 255
Decimal	9961428
CIELab	92.95, -39.73, 11.14
CIELCh	93, 41.260, 164.336
Yxy	82.8528, 0.2766, 0.3794
Android (android.graphics.Color)	4288151508 (0xFF97FFD4)
YUV	219.0020, -3.4520, -59.6378
Hunter-Lab	91.0235, -40.8327, 14.8013

Details

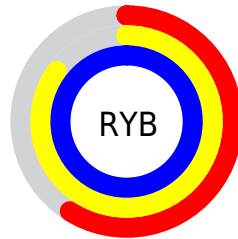
The XYZ color **60.4062, 82.8528, 75.0958** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.0448, 47.2893, 56.8971**, and the grayscale version is **67.3805, 70.8895, 77.1986**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **30.8960, 45.2022, 38.9948** is the 20% darker color. If you saturate the color by 10%, you get **54.8878, 80.1566, 68.1207**, and if you desaturate by 10%, it is **67.0365, 86.1121, 82.5790**.

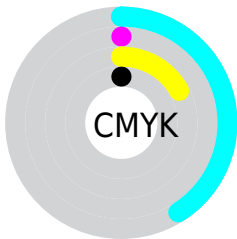
Distribution



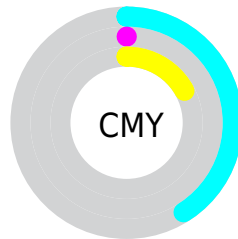
- Red (59%)
- Green (100%)
- Blue (83%)



- Red (59%)
- Yellow (85%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4062, 82.8528, 75.0958 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 60.4062, 82.8528, 75.0958 by changing the saturation by 10% instead.


 60.4062, 82.8528,
75.0958


 60.4062, 82.8528,
75.0958


415.9042,
504.4958, 497.5110

 43.9968, 62.0687,
55.1892

 104.5217,
137.3693, 128.1963

 30.8659, 45.0882,
39.1536


 132.9585,
171.8705, 162.2273

 20.6481, 31.5269,
26.5705


166.1352,
211.7128, 201.8034

 12.9780, 21.0004,
17.0213

204.4171,
257.2807, 247.3433

 7.4903, 13.1243,
10.0876

248.1696,
308.9586, 299.2655

 3.8196, 7.5142,
5.3507

297.7581,

 1.6006, 3.7857,

367.1308, 357.9884

2.3921

353.5478,
432.1817, 423.9308

■ 0.3928, 1.5544,
0.7822

■ 0.0000, 0.3266,
0.0000

■ 60.4062, 82.8528,
75.0958

■ 60.4062, 82.8528,
75.0958

■ 54.8878, 80.1566,
68.1207

■ 67.0365, 86.1121,
82.5790

■ 50.4106, 77.9874,
61.6379

■ 74.8385, 89.9652,
90.5775

■ 46.8992, 76.3064,
55.6362

■ 83.8706, 94.4421,
99.1034

■ 44.2664, 75.0689,
50.1025

■ 94.1864, 99.5701,
108.1672

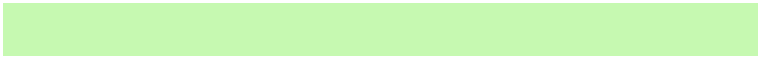
■ 42.4079, 74.2213, 95.0500, 100.0000,
45.0225 108.9000

■ 41.2304, 73.7082,
40.7267

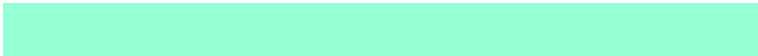
Harmonies

Analogous

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



65.1153, 82.8528, 54.0240



60.4062, 82.8528, 75.0958



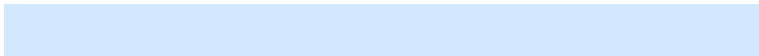
60.3020, 82.8528, 105.7474

Triad

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



60.4062, 82.8528, 75.0958



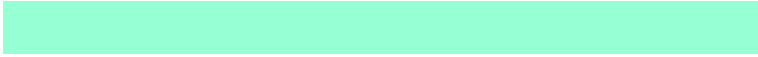
84.0014, 82.8528, 160.9337



94.5479, 82.8528, 54.7188

Complementary

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



60.4062, 82.8528, 75.0958



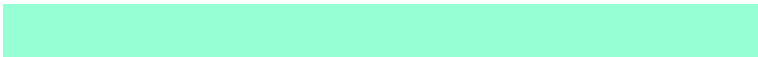
62.0448, 47.2893, 56.8971

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.



100.6200, 82.8528, 76.2790



60.4062, 82.8528, 75.0958



94.1644, 82.8528, 139.7611

Square

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



60.4062, 82.8528, 75.0958



73.2769, 82.8528, 160.4100



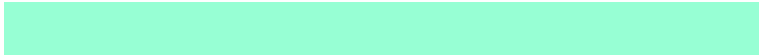
100.4735, 82.8528, 107.2331



84.4872, 82.8528, 44.2264

Rectangle

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



60.4062, 82.8528, 75.0958



62.8228, 82.8528, 128.0690



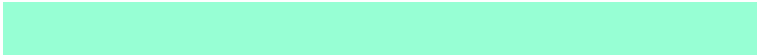
100.4735, 82.8528, 107.2331



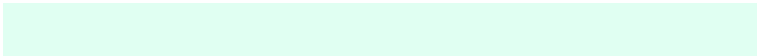
97.1624, 82.8528, 60.6648

Sweetspot

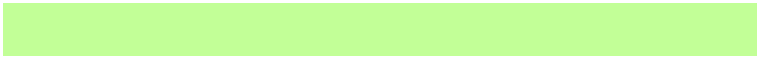
The Sweet Spot groups the original color and five complimentary colors.



60.4070, 82.8532, 75.0972



82.7040, 93.8630, 98.0374



63.6804, 85.2682, 42.3815



17.4385, 19.9598, 20.7410



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

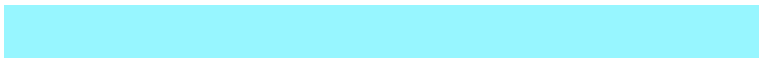
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4070, 82.8532, 75.0972



55.7935, 80.5978, 69.3282



63.8704, 79.9143, 106.6664



18.2185, 20.3469, 21.4538



21.6199, 38.5445, 21.6813



2.1595, 3.7747, 2.3975

Inverse Universe

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



62.0448, 47.2893, 56.8971



57.6429, 40.6040, 48.8988



59.3397, 48.5216, 35.5175



18.3208, 18.1116, 20.3064



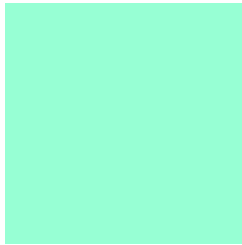
22.9627, 11.6744, 8.4542



2.2886, 1.1578, 1.1012

Previews

White Background



This preview shows how the XYZ color 60.4062, 82.8528, 75.0958 looks on a white background.

Color Contrast Check

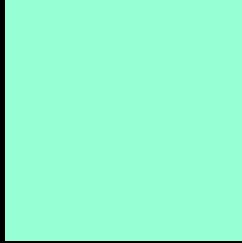
Large Text (above 18pt) WCAG AA × Fail

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 60.4062, 82.8528, 75.0958 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 60.4062, 82.8528, 75.0958

Background



This preview shows how black text looks on a background with the XYZ color 60.4062, 82.8528, 75.0958.



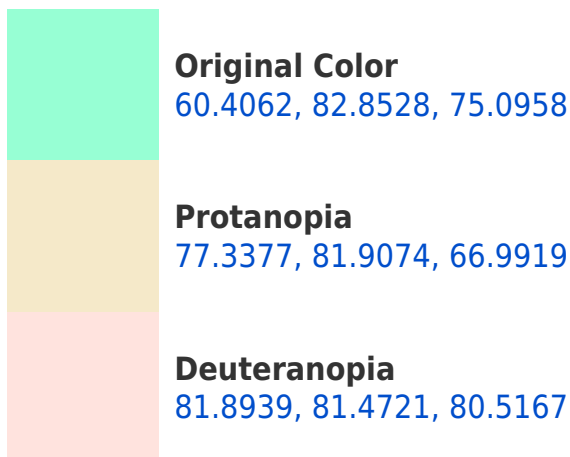
This preview shows how white text looks on a background with the XYZ color 60.4062, 82.8528,

75.0958.

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





Tritanopia

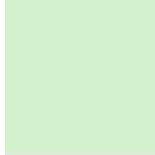
72.0503, 82.1936, 106.6752

Trichromacy



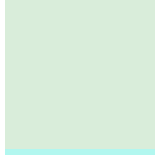
Original Color

60.4062, 82.8528, 75.0958



Protanomaly

69.3387, 81.1673, 69.7699



Deuteranomaly

71.5543, 80.3820, 78.0736



Tritanomaly

67.2008, 82.2185, 93.9893

Monochromacy



Original Color

60.4062, 82.8528, 75.0958



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.4994, 74.1404, 75.9295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4062, 82.8528, 75.0958 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(151, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 212)  
}
```

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(151, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 212) }
```

Border

The CSS property to change the border of an element to XYZ 60.4062, 82.8528, 75.0958 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(151, 255, 212) }
```


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

```
.border{ border-color:rgb(151, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4062, 82.8528, 75.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 212) }
```

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

```
.background{ background-color: rgb(151,  
255, 212) }
```

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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