

Converting Colors

XYZ(61.6169, 82.8425,
103.8187)

Have a look what the booklet for
XYZ(61.6169, 82.8425, 103.8187)
contains.

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Color

**XYZ(61.6300, 82.8450,
104.0092)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFFFB
RGB	125, 255, 251
RGB Percent	49%, 100%, 98%
CMY	0.5098, 0.0000, 0.0157
CMYK	0.51, 0.00, 0.02, 0.00
HSL	178°, 100%, 75%
HSV	178°, 51%, 100%
XYZ	61.6300, 82.8450, 104.0092
YIQ	215.6740, -76.1960, -28.8040

Conversions

Conversions Part 2

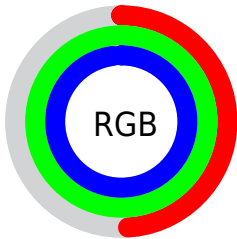
Format	Color
R_{YB}	125, 191, 255
Decimal	8257531
CIE _{Lab}	92.95, -36.83, -9.13
CIE _{LCh}	93, 37.945, 193.925
Yxy	82.8450, 0.2480, 0.3334
Android (android.graphics.Color)	4286447611 (0xFF7DFFFB)
YUV	215.6740, 17.4157, -79.5211
Hunter-Lab	91.0192, -38.4196, -4.0382

Details

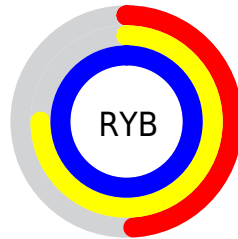
The XYZ color **61.6300, 82.8450, 104.0092** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.5370, 37.5137, 25.2421**, and the grayscale version is **64.9715, 68.3550, 74.4386**.

A 20% lighter version of the original color is **74.0597, 89.1791, 107.9177**, and **31.7318, 45.1982, 58.6814** is the 20% darker color. If you saturate the color by 10%, you get **58.2504, 81.1170, 103.2084**, and if you desaturate by 10%, it is **65.9677, 85.0668, 104.8605**.

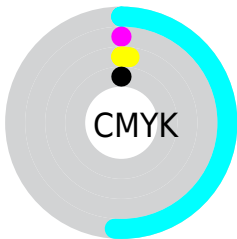
Distribution



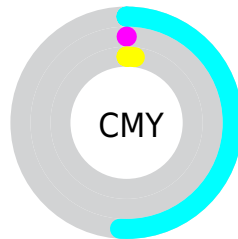
- Red (49%)
- Green (100%)
- Blue (98%)



- Red (49%)
- Yellow (75%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6300, 82.8450, 104.0092 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 61.6300, 82.8450, 104.0092 by changing the saturation by 10% instead.

61.6300, 82.8450,
104.0092

61.6300, 82.8450,
104.0092

420.3193,
504.4698, 594.3276

44.9883, 62.0623,
79.0175

106.2836,
137.3583, 168.7557

31.6494, 45.0830,
58.3888

135.0261,
171.8578, 209.3475

21.2481, 31.5228,
41.7045

168.5329,
211.6982, 255.9765

13.4190, 20.9973,
28.5462

207.1694,
257.2641, 309.0612

7.7967, 13.1220,
18.4952

251.3010,
308.9398, 369.0201

4.0158, 7.5126,
11.1330

301.2929,

1.7111, 3.7847,

367.1097, 436.2718

6.0410

357.5105,
432.1583, 511.2348

0.4632, 1.5539,
2.8009

0.0000, 0.3262,
0.9939

61.6300, 82.8450,
104.0092

61.6300, 82.8450,
104.0092

58.2504, 81.1170,
103.2084

65.9677, 85.0668,
104.8605

55.7510, 79.8427,
102.4499

71.3270, 87.8153,
105.7608

54.0470, 78.9784,
101.7314

77.7697, 91.1222,
106.7144

53.0357, 78.4711,
101.0479

85.3520, 95.0165,
107.7241

■ 52.5727, 78.2451,
100.4546

94.1259, 99.5250,
108.7923

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



61.7876, 82.8450, 75.8982



61.6300, 82.8450, 104.0092



65.7784, 82.8450, 133.6889

Triad

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



61.6300, 82.8450, 104.0092



92.7392, 82.8450, 135.5835



84.1462, 82.8450, 47.2124

Complementary

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



61.6300, 82.8450, 104.0092



52.5370, 37.5137, 25.2421

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.



93.3052, 82.8450, 57.3478



61.6300, 82.8450, 104.0092



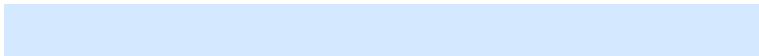
98.5439, 82.8450, 106.2034

Square

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



61.6300, 82.8450, 104.0092



83.4250, 82.8450, 154.3465



98.7594, 82.8450, 77.6781



74.2370, 82.8450, 46.8684

Rectangle

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



61.6300, 82.8450, 104.0092



70.6462, 82.8450, 148.7540



98.7594, 82.8450, 77.6781



87.4332, 82.8450, 49.4729

Sweetspot

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



61.6311, 82.8455, 104.0107



82.1621, 93.3779, 107.3112



48.5668, 77.6945, 31.8407



17.2444, 19.8112, 22.9235



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

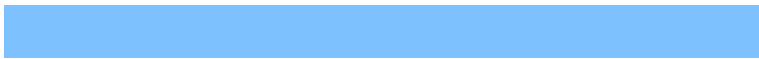
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6311, 82.8455, 104.0107



58.2441, 81.1137, 103.2067



45.8749, 50.3137, 101.9014



18.5293, 20.4713, 23.0903



27.4812, 40.8891, 52.5467



2.6831, 3.9841, 5.1548

Inverse Universe

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



52.5370, 37.5137, 25.2421



48.2552, 31.2734, 16.6522



62.4314, 57.7196, 27.2544



18.0320, 17.9961, 18.7858



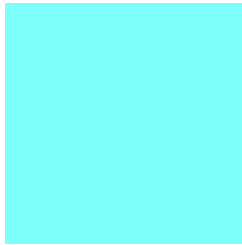
21.5810, 11.1217, 1.1782



2.1089, 1.0859, 0.1548

Previews

White Background



This preview shows how the XYZ color 61.6300, 82.8450, 104.0092 looks on a white background.

Color Contrast Check

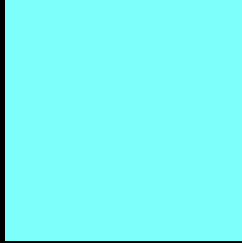
Large Text (above 18pt) WCAG AA × Fail

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 61.6300, 82.8450, 104.0092 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 61.6300, 82.8450, 104.0092

Background



This preview shows how black text looks on a background with the XYZ color 61.6300, 82.8450, 104.0092.

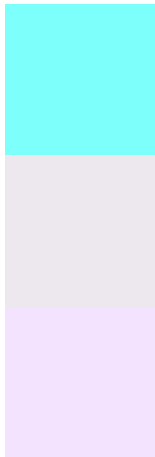


This preview shows how white text looks on a background with the XYZ color 61.6300, 82.8450,

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

61.6300, 82.8450, 104.0092

Protanopia

78.7347, 81.6605, 91.7331

Deuteranopia

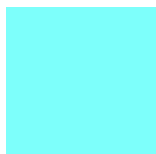
82.8273, 81.3913, 105.9524



Tritanopia

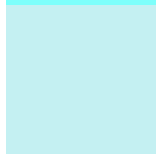
70.5941, 81.8860, 106.6926

Trichromacy



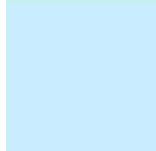
Original Color

61.6300, 82.8450, 104.0092



Protanomaly

69.9521, 80.4667, 95.8492



Deuteranomaly

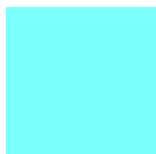
72.2610, 80.1416, 105.4263



Tritanomaly

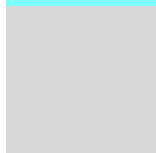
66.4600, 81.5698, 106.0077

Monochromacy



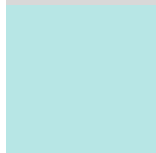
Original Color

61.6300, 82.8450, 104.0092



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.9681, 72.3181, 84.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6300, 82.8450, 104.0092 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(125, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.6300, 82.8450, 104.0092 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(125, 255, 251) }
```


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

```
.border{ border-color:rgb(125, 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(125, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(125, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6300, 82.8450, 104.0092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 255, 251) }
```

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

```
.background{ background-color: rgb(125,  
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](#).

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