

Converting Colors

XYZ(60.1062, 82.3220, 92.0787)

Have a look what the booklet for
XYZ(60.1062, 82.3220, 92.0787)
contains.

XYZ(60.1062, 82.3220, 92.0787)	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(60.1062, 82.3220,
92.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	82FFEC
RGB	130, 255, 236
RGB Percent	51%, 100%, 93%
CMY	0.4902, 0.0000, 0.0745
CMYK	0.49, 0.00, 0.07, 0.00
HSL	171°, 100%, 75%
HSV	171°, 49%, 100%
XYZ	60.1062, 82.3220, 92.0787
YIQ	215.4590, -68.4010, -32.4090

Conversions

Conversions Part 2

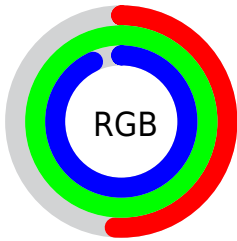
Format	Color
RYB	130, 198, 255
Decimal	8585196
CIELab	92.72, -39.44, -1.69
CIElCh	93, 39.472, 182.452
Yxy	82.3220, 0.2563, 0.3510
Android (android.graphics.Color)	4286775276 (0xFF82FFEC)
YUV	215.4590, 10.1267, -74.9475
Hunter-Lab	90.7315, -40.5305, 3.3417

Details

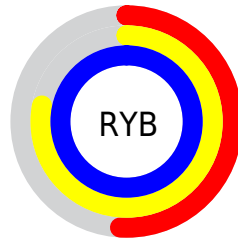
The XYZ color **60.1062, 82.3220, 92.0787** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.6482, 39.3964, 33.1587**, and the grayscale version is **64.8694, 68.2476, 74.3216**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **30.7470, 44.8767, 50.2216** is the 20% darker color. If you saturate the color by 10%, you get **56.1110, 80.3267, 88.9851**, and if you desaturate by 10%, it is **65.0845, 84.8225, 95.2849**.

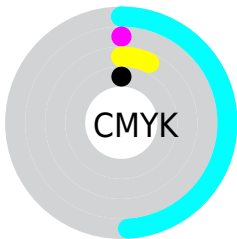
Distribution



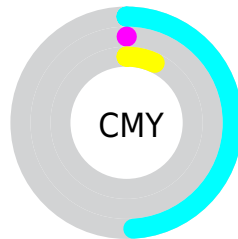
- Red (51%)
- Green (100%)
- Blue (93%)



- Red (51%)
- Yellow (78%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1062, 82.3220, 92.0787 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 60.1062, 82.3220, 92.0787 by changing the saturation by 10% instead.


 60.1062, 82.3220,
92.0787


 60.1062, 82.3220,
92.0787


414.8176,
502.7241, 555.5135


 43.7540, 61.6310,
69.1226

 104.0892,
136.6255, 152.1831

 30.6743, 44.7346,
50.3392


 132.4507,
171.0067, 190.1685

 20.5015, 31.2484,
35.3099


 165.5460,
210.7201, 234.0007

 12.8705, 20.7881,
23.6162

203.7406,
256.1502, 284.0983

 7.4158, 12.9692,
14.8396

247.3996,
307.6812, 340.8799

 3.7721, 7.4073,
8.5615

296.8886,

 1.5740, 3.7181,

365.6976, 404.7639

4.3634

352.5728,
430.5838, 476.1689

■ 0.3754, 1.5172,
1.8268

■ 0.0000, 0.3008,
0.4455

■ 60.1062, 82.3220,
92.0787

■ 60.1062, 82.3220,
92.0787

■ 56.1110, 80.3267,
88.9851

■ 65.0845, 84.8225,
95.2849

■ 53.0232, 78.7978,
85.9960

■ 71.1087, 87.8609,
98.6028

■ 50.7603, 77.6928,
83.1086

■ 78.2396, 91.4684,
102.0371

■ 49.2235, 76.9607,
80.3177

■ 86.5324, 95.6734,
105.5907

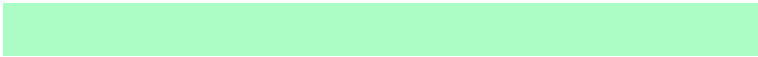
■ 48.2668, 76.5263, 95.0500, 100.0000,
77.6161 108.9000

■ 48.1861, 76.4904,
77.3547

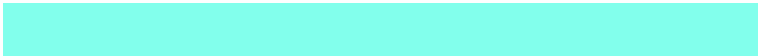
Harmonies

Analogous

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



61.9907, 82.3220, 65.9130



60.1062, 82.3220, 92.0787



62.7177, 82.3220, 123.5822

Triad

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



60.1062, 82.3220, 92.0787



89.3409, 82.3220, 146.4126



87.7501, 82.3220, 48.2190

Complementary

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



60.1062, 82.3220, 92.0787



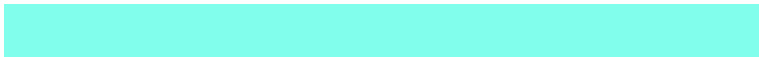
54.6482, 39.3964, 33.1587

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.



96.1434, 82.3220, 62.5538



60.1062, 82.3220, 92.0787



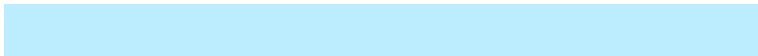
97.1169, 82.3220, 118.4578

Square

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



60.1062, 82.3220, 92.0787



79.0934, 82.3220, 158.9466



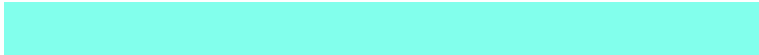
99.7078, 82.3220, 87.2343



77.4019, 82.3220, 44.1281

Rectangle

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



60.1062, 82.3220, 92.0787



66.8027, 82.3220, 142.4430



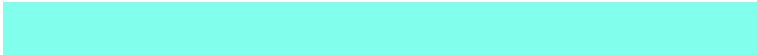
99.7078, 82.3220, 87.2343



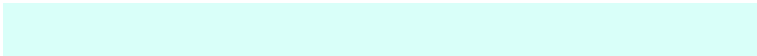
90.9236, 82.3220, 51.8176

Sweetspot

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



60.1072, 82.3224, 92.0801



81.4290, 93.0846, 103.4504



52.5218, 79.6955, 33.7351



17.0659, 19.7398, 21.9834



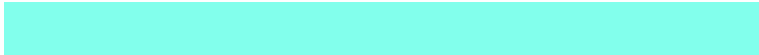
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.1072, 82.3224, 92.0801



56.1174, 80.3298, 88.9906



51.1351, 59.7232, 103.4404



18.4292, 20.4312, 22.5631



25.2231, 39.9859, 40.6559



2.4866, 3.9056, 4.1203

Inverse Universe

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



54.6482, 39.3964, 33.1587



50.1039, 32.8149, 23.9146



59.9592, 52.2512, 28.0458



18.1219, 18.0321, 19.2590



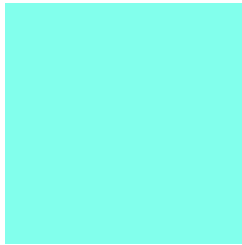
21.7714, 11.1979, 2.1807



2.1512, 1.1029, 0.3777

Previews

White Background



This preview shows how the XYZ color 60.1062, 82.3220, 92.0787 looks on a white background.

Color Contrast Check

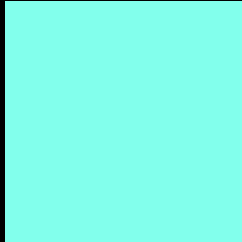
Large Text (above 18pt) WCAG AA × Fail

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 60.1062, 82.3220, 92.0787 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 60.1062, 82.3220, 92.0787

Background



This preview shows how black text looks on a background with the XYZ color 60.1062, 82.3220, 92.0787.

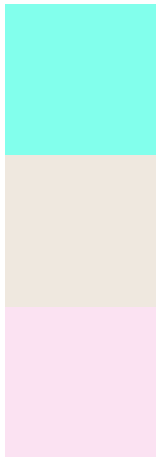


This preview shows how white text looks on a background with the XYZ color 60.1062, 82.3220,

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

60.1062, 82.3220, 92.0787

Protanopia

77.7725, 81.3917, 81.4231

Deuteranopia

83.0070, 81.3127, 95.3244



Tritanopia

70.5941, 81.8860, 106.6926

Trichromacy



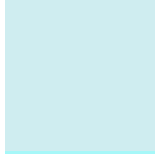
Original Color

60.1062, 82.3220, 92.0787



Protanomaly

68.7169, 80.0637, 85.2309



Deuteranomaly

71.7445, 80.1250, 94.1224



Tritanomaly

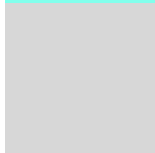
65.9299, 81.4058, 101.0450

Monochromacy



Original Color

60.1062, 82.3220, 92.0787



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.3833, 72.1117, 80.4957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1062, 82.3220, 92.0787 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(130, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 236)  
}
```

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(130, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 60.1062, 82.3220, 92.0787 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(130, 255, 236) }
```


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

```
.border{ border-color:rgb(130, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1062, 82.3220, 92.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 236) }
```

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

```
.background{ background-color: rgb(130,  
255, 236) }
```

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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