

Converting Colors

XYZ(61.6556, 83.0353, 96.0106)

Have a look what the booklet for
XYZ(61.6556, 83.0353, 96.0106)
contains.

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Color

**XYZ(61.6289, 83.0218,
95.9957)**

Conversions

Conversions Part 1

Format	Color
Hex	87FFF1
RGB	135, 255, 241
RGB Percent	53%, 100%, 95%
CMY	0.4706, 0.0000, 0.0549
CMYK	0.47, 0.00, 0.05, 0.00
HSL	173°, 100%, 76%
HSV	173°, 47%, 100%
XYZ	61.6289, 83.0218, 95.9957
YIQ	217.5240, -67.0260, -29.7940

Conversions

Conversions Part 2

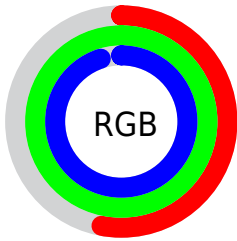
Format	Color
RYB	135, 199, 255
Decimal	8912881
CIELab	93.02, -37.17, -3.80
CIELCh	93, 37.360, 185.843
Yxy	83.0218, 0.2561, 0.3450
Android (android.graphics.Color)	4287102961 (0xFF87FFF1)
YUV	217.5240, 11.5737, -72.3735
Hunter-Lab	91.1163, -38.7204, 1.3164

Details

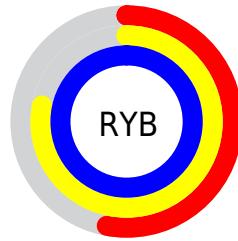
The XYZ color **61.6289, 83.0218, 95.9957** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **55.3297, 40.7594, 33.3862**, and the grayscale version is **66.2693, 69.7204, 75.9256**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **31.6987, 45.3074, 52.9735** is the 20% darker color. If you saturate the color by 10%, you get **57.5656, 80.9780, 93.5061**, and if you desaturate by 10%, it is **66.6839, 85.5760, 98.5725**.

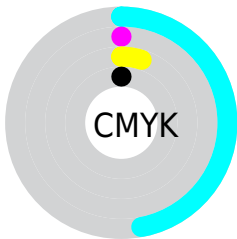
Distribution



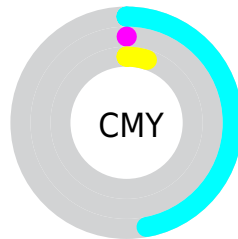
- Red (53%)
- Green (100%)
- Blue (95%)



- Red (53%)
- Yellow (78%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6289, 83.0218, 95.9957 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 61.6289, 83.0218, 95.9957 by changing the saturation by 10% instead.

 61.6289, 83.0218,
95.9957


 61.6289, 83.0218,
95.9957


420.3153,
505.0592, 568.4133

 44.9874, 62.2081,
72.3625


 106.2820,
137.6060, 157.6469

 31.6487, 45.2009,
52.9662


 135.0242,
172.1453, 196.5020

 21.2476, 31.6157,
37.3883


168.5308,
212.0286, 241.2681

 13.4186, 21.0681,
25.2101

207.1670,
257.6404, 292.3638

 7.7964, 13.1738,
16.0132

251.2982,
309.3649, 350.2076

 4.0156, 7.5483,
9.3791

301.2897,

 1.7110, 3.8073,

367.5866, 415.2181

4.8891

357.5070,
432.6899, 487.8138

■ 0.4631, 1.5664,
2.1247

■ 0.0000, 0.3348,
0.6304

■ 61.6289, 83.0218,
95.9957

■ 61.6289, 83.0218,
95.9957

■ 57.5656, 80.9780,
93.5061

■ 66.6839, 85.5760,
98.5725

■ 54.4196, 79.4062,
91.0956

■ 72.7919, 88.6721,
101.2352

■ 52.1109, 78.2654,
88.7619

■ 80.0126, 92.3411,
103.9882

■ 50.5446, 77.5063,
86.5003

■ 88.4005, 96.6109,
106.8342

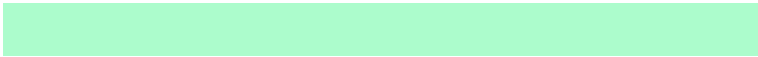
■ 49.5990, 77.0665, 95.0500, 100.0000,
84.3049 108.9000

■ 49.3851, 76.9700,
83.6688

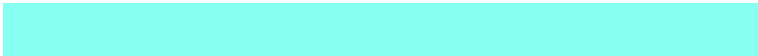
Harmonies

Analogous

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



62.9531, 83.0218, 70.0843



61.6289, 83.0218, 95.9957



64.6156, 83.0218, 125.7745

Triad

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



61.6289, 83.0218, 95.9957



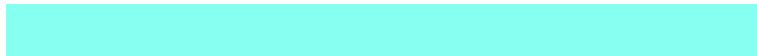
90.4513, 83.0218, 141.5067



86.8650, 83.0218, 49.5963

Complementary

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



61.6289, 83.0218, 95.9957



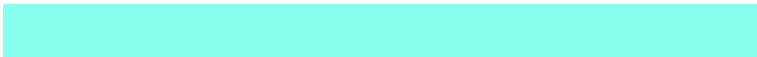
55.3297, 40.7594, 33.3862

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.



95.1702, 83.0218, 62.3653



61.6289, 83.0218, 95.9957



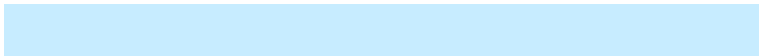
97.3577, 83.0218, 114.2972

Square

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



61.6289, 83.0218, 95.9957



80.8413, 83.0218, 155.3171



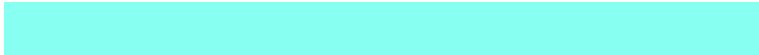
99.1520, 83.0218, 85.0196



77.0092, 83.0218, 46.6798

Rectangle

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



61.6289, 83.0218, 95.9957



68.8075, 83.0218, 142.7369



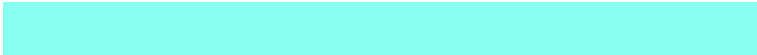
99.1520, 83.0218, 85.0196



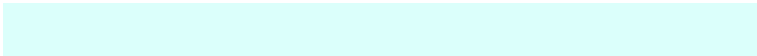
89.9553, 83.0218, 52.7278

Sweetspot

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



61.6299, 83.0223, 95.9972



82.4504, 93.5813, 104.8482



52.5287, 79.6594, 35.5307



17.2770, 19.8416, 22.3117



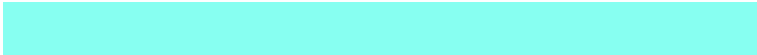
0.0000, 0.0000, 0.0000



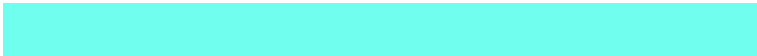
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6299, 83.0223, 95.9972



57.9504, 81.1710, 93.7655



50.8434, 57.9732, 103.1180



18.4582, 20.4428, 22.7159



25.8411, 40.2330, 43.9101



2.5408, 3.9273, 4.4058

Inverse Universe

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



55.3297, 40.7594, 33.3862



51.0093, 34.4737, 24.6852



62.1380, 56.0584, 30.4688



18.0955, 18.0215, 19.1202



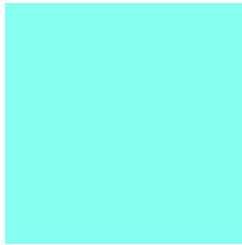
21.6966, 11.1679, 1.7869



2.1389, 1.0979, 0.3127

Previews

White Background



This preview shows how the XYZ color 61.6289, 83.0218, 95.9957 looks on a white background.

Color Contrast Check

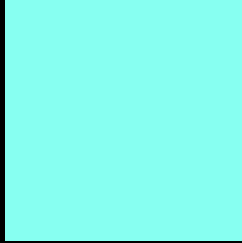
Large Text (above 18pt) WCAG AA × Fail

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 61.6289, 83.0218, 95.9957 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

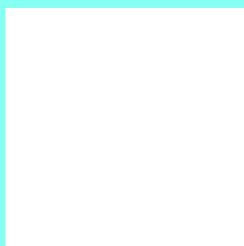
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6289, 83.0218, 95.9957

Background



This preview shows how black text looks on a background with the XYZ color 61.6289, 83.0218, 95.9957.

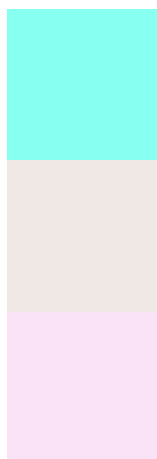


This preview shows how white text looks on a background with the XYZ color 61.6289, 83.0218,

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

61.6289, 83.0218, 95.9957

Protanopia

78.4568, 81.6654, 85.0267

Deuteranopia

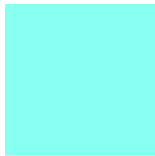
83.6819, 81.9776, 99.4084



Tritanopia

71.3358, 82.2683, 106.7273

Trichromacy



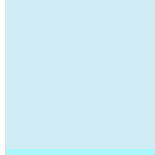
Original Color

61.6289, 83.0218, 95.9957



Protanomaly

69.9555, 80.6209, 88.9651



Deuteranomaly

72.7780, 80.5708, 98.1021



Tritanomaly

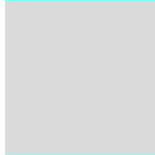
67.0936, 81.9697, 102.7280

Monochromacy



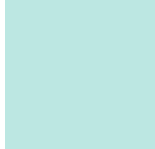
Original Color

61.6289, 83.0218, 95.9957



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.0424, 73.3342, 82.7837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6289, 83.0218, 95.9957 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(135, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(135, 255, 241)  
}
```

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(135, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 61.6289, 83.0218, 95.9957 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(135, 255, 241) }
```


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

```
.border{ border-color:rgb(135, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(135, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6289, 83.0218, 95.9957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 255, 241) }
```

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

```
.background{ background-color: rgb(135,  
255, 241) }
```

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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