

Converting Colors

XYZ(59.5745, 76.3034, 86.2781)

Have a look what the booklet for
XYZ(59.5745, 76.3034, 86.2781)
contains.

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Color

**XYZ(59.5526, 76.1860,
86.4295)**

Conversions

Conversions Part 1

Format	Color
Hex	9BF2E6
RGB	155, 242, 230
RGB Percent	61%, 95%, 90%
CMY	0.3921, 0.0510, 0.0980
CMYK	0.36, 0.00, 0.05, 0.05
HSL	172°, 77%, 78%
HSV	172°, 36%, 95%
XYZ	59.5526, 76.1860, 86.4295
YIQ	214.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

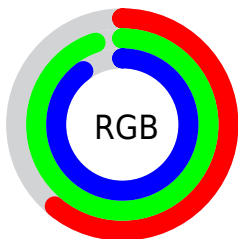
Format	Color
R_{YB}	155, 202, 242
Decimal	10220262
CIE _{Lab}	89.95, -28.81, -2.52
CIE _{LCh}	90, 28.923, 184.991
Yxy	76.1860, 0.2681, 0.3429
Android (android.graphics.Color)	4288410342 (0xFF9BF2E6)
YUV	214.6190, 7.5828, -52.2859
Hunter-Lab	87.2846, -30.9609, 2.3901

Details

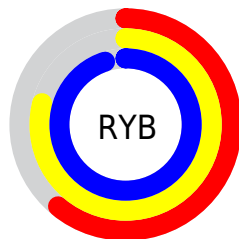
The XYZ color **59.5526, 76.1860, 86.4295** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.3169, 45.1120, 42.3541**, and the grayscale version is **64.3091, 67.6582, 73.6798**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.4424, 40.8656, 46.8408** is the 20% darker color. If you saturate the color by 10%, you get **54.9016, 73.8439, 83.7891**, and if you desaturate by 10%, it is **65.1476, 79.0176, 89.1643**.

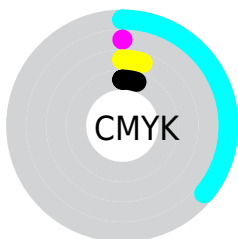
Distribution



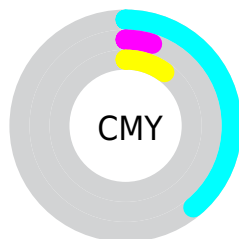
- Red (61%)
- Green (95%)
- Blue (90%)



- Red (61%)
- Yellow (79%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)





- Cyan (39%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5526, 76.1860, 86.4295 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 59.5526, 76.1860, 86.4295 by changing the saturation by 10% instead.


 59.5526, 76.1860,
86.4295


 59.5526, 76.1860,
86.4295


412.8079,
481.9842, 536.6138

 43.3062, 56.5850,
64.4663


 103.2904,
127.9898, 144.2605

 30.3210, 40.6722,
46.5798


 131.5126,
160.9614, 180.9654

 20.2316, 28.0630,
32.3517


164.4573,
199.1587, 223.4213

 12.6728, 18.3732,
21.3632

202.4901,
242.9661, 272.0466

 7.2791, 11.2182,
13.1959

245.9761,
292.7679, 327.2600

 3.6851, 6.2138,
7.4313


295.2809,


 1.5256, 2.9755,


348.9486, 389.4800


3.6507


350.7697,
411.8926, 459.1251


 0.3431, 1.1190,
1.4358


 0.0000, 0.0000,
0.1694


 59.5526, 76.1860,
86.4295


 59.5526, 76.1860,
86.4295


 54.9016, 73.8439,
83.7891


 65.1476, 79.0176,
89.1643


 51.1322, 71.9533,
81.2349

 71.7315, 82.3559,
91.9908

 48.1845, 70.4854,
78.7656

 79.3539, 86.2286,
94.9133

 45.9886, 69.4039,
76.3775

 88.0593, 90.6586,
97.9342

■ 44.4626, 68.6668,
74.0667

■ 89.7349, 91.4635,
100.6740

■ 43.5052, 68.2218,
71.8280

■ 90.2541, 91.6712,
103.4078

■ 43.2147, 68.0914,
70.9388

■ 90.7825, 91.8825,
106.1904

■ 91.0435, 91.9869,
107.5645

Harmonies

Analogous

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



60.6457, 76.1860, 67.3857



59.5526, 76.1860, 86.4295



61.7156, 76.1860, 107.6638

Triad

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



59.5526, 76.1860, 86.4295



80.5925, 76.1860, 119.6032



78.3862, 76.1860, 52.1230

Complementary

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



59.5526, 76.1860, 86.4295



55.3169, 45.1120, 42.3541

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.



84.2791, 76.1860, 62.3469



59.5526, 76.1860, 86.4295



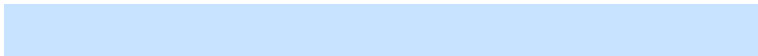
85.6106, 76.1860, 100.7516

Square

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



59.5526, 76.1860, 86.4295



73.6162, 76.1860, 128.7255



87.0020, 76.1860, 79.5722



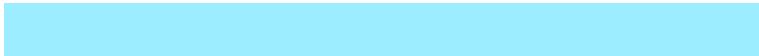
71.2220, 76.1860, 49.5654

Rectangle

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



59.5526, 76.1860, 86.4295



64.8025, 76.1860, 119.5946



87.0020, 76.1860, 79.5722



80.5961, 76.1860, 54.6839

Sweetspot

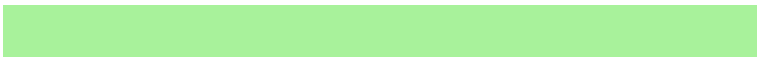
The Sweet Spot groups the original color and five complimentary colors.



59.5548, 76.1890, 86.4313



84.8559, 94.8160, 105.2034



53.8299, 74.2043, 42.4975



17.9155, 20.1690, 22.4223



0.0000, 0.0000, 0.0000



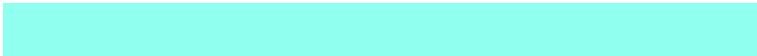
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5548, 76.1890, 86.4313



63.2081, 83.8553, 95.1932



52.9780, 60.2442, 92.8440



16.1481, 17.8893, 19.8027



23.2524, 36.5930, 38.3076



1.9600, 3.0544, 3.3217

Inverse Universe

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



55.3169, 45.1120, 42.3541



57.8060, 44.1727, 38.9566



59.9801, 56.1327, 38.6851



15.8616, 15.7943, 16.8274



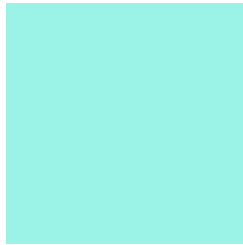
19.8505, 10.2126, 1.8634



1.6789, 0.8606, 0.2999

Previews

White Background



This preview shows how the XYZ color 59.5526, 76.1860, 86.4295 looks on a white background.

Color Contrast Check

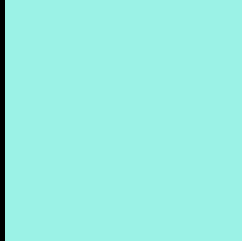
Large Text (above 18pt) WCAG AA × Fail

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 59.5526, 76.1860, 86.4295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

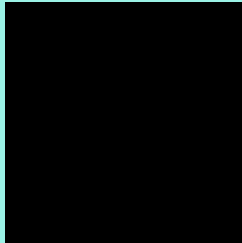
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5526, 76.1860, 86.4295

Background



This preview shows how black text looks on a background with the XYZ color 59.5526, 76.1860, 86.4295.

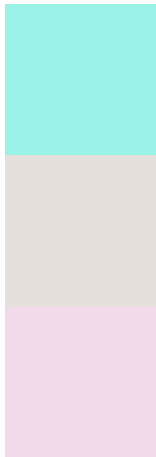


This preview shows how white text looks on a background with the XYZ color 59.5526, 76.1860,

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

59.5526, 76.1860, 86.4295

Protanopia

72.2070, 75.3016, 78.4391

Deuteranopia

77.0289, 75.1957, 89.0516



Tritanopia

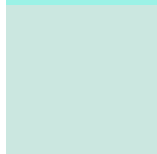
64.2705, 76.0039, 105.8905

Trichromacy



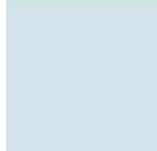
Original Color

59.5526, 76.1860, 86.4295



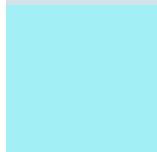
Protanomaly

66.6591, 75.2302, 81.5286



Deuteranomaly

69.0410, 74.6702, 87.8647



Tritanomaly

62.6053, 76.1734, 98.5921

Monochromacy



Original Color

59.5526, 76.1860, 86.4295



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.8358, 70.3552, 78.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5526, 76.1860, 86.4295 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(155, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 230)  
}
```

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(155, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 59.5526, 76.1860, 86.4295 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(155, 242, 230) }
```


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

```
.border{ border-color:rgb(155, 242, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(155, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5526, 76.1860, 86.4295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 230) }
```

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

```
.background{ background-color: rgb(155,  
242, 230) }
```

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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