

Converting Colors

XYZ(53.9334, 68.5337, 82.9392)

Have a look what the booklet for
XYZ(53.9334, 68.5337, 82.9392)
contains.

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Color

**XYZ(53.9426, 68.6272,
83.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	90E7E3
RGB	144, 231, 227
RGB Percent	56%, 91%, 89%
CMY	0.4353, 0.0941, 0.1098
CMYK	0.38, 0.00, 0.02, 0.09
HSL	177°, 64%, 74%
HSV	177°, 38%, 91%
XYZ	53.9426, 68.6272, 83.0763
YIQ	204.5310, -50.5680, -19.6880

Conversions

Conversions Part 2

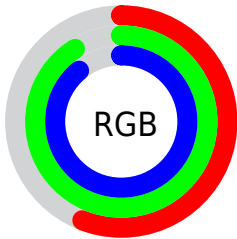
Format	Color
RYB	144, 189, 231
Decimal	9496547
CIELab	86.32, -27.06, -6.34
CIELCh	86, 27.795, 193.191
Yxy	68.6272, 0.2623, 0.3337
Android (android.graphics.Color)	4287686627 (0xFF90E7E3)
YUV	204.5310, 11.0772, -53.0857
Hunter-Lab	82.8415, -28.7417, -1.4689

Details

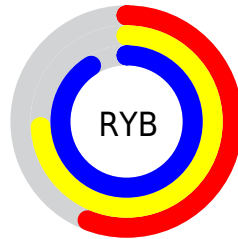
The XYZ color **53.9426, 68.6272, 83.0763** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.2759, 39.0754, 33.0173**, and the grayscale version is **57.6872, 60.6914, 66.0929**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **26.8009, 35.7132, 44.5105** is the 20% darker color. If you saturate the color by 10%, you get **50.1677, 66.6998, 82.1377**, and if you desaturate by 10%, it is **58.5479, 70.9860, 84.0615**.

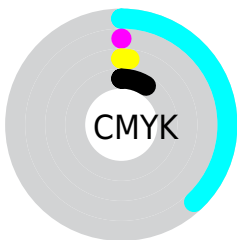
Distribution



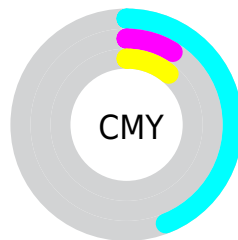
- Red (56%)
- Green (91%)
- Blue (89%)



- Red (56%)
- Yellow (74%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)




- Cyan (44%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9426, 68.6272, 83.0763 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 53.9426, 68.6272, 83.0763 by changing the saturation by 10% instead.


 53.9426, 68.6272,
83.0763


 53.9426, 68.6272,
83.0763


392.0930,
455.7150, 525.2184

 38.7863, 50.4082,
61.7121


 95.1473, 117.2489,
139.5325

 26.7735, 35.7378,
44.3658

 121.9265,
148.4204, 175.4616

 17.5389, 24.2318,
30.6189


153.3106,
184.6782, 217.0828

 10.7171, 15.5056,
20.0528

189.6650,
226.4067, 264.8146

 5.9428, 9.1750,
12.2490

231.3551,
273.9902, 319.0755

 2.8507, 4.8555,
6.7889

278.7462,

 1.0753, 2.1627,

327.8131, 380.2841

3.2540

332.2037,
388.2600, 448.8589

■ 0.0043, 0.6996,
1.2257

■ 0.0000, 0.0000,
0.0000

■ 53.9426, 68.6272,
83.0763

■ 53.9426, 68.6272,
83.0763

■ 50.1677, 66.6998,
82.1377

■ 58.5479, 70.9860,
84.0615

■ 47.1665, 65.1694,
81.2385

■ 64.0239, 73.7919,
85.0907

■ 44.8847, 64.0097,
80.3777

■ 70.4157, 77.0698,
86.1675

■ 43.2585, 63.1880,
79.5523

■ 77.7633, 80.8403,
87.2937

■ 42.2128, 62.6654,
78.7587

■ 84.4275, 84.2583,
88.3928

■ 41.6459, 62.3895,
77.9923

■ 84.5792, 84.3190,
89.1918

■ 41.5453, 62.3415,
77.8152

■ 84.7318, 84.3801,
89.9957

■ 84.8854, 84.4415,
90.8044

■ 85.0399, 84.5033,
91.6179

Harmonies

Analogous

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



54.1204, 68.6272, 64.9677



53.9426, 68.6272, 83.0763



56.6435, 68.6272, 101.5976

Triad

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



53.9426, 68.6272, 83.0763



74.0382, 68.6272, 103.5454



68.8599, 68.6272, 45.7560

Complementary

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



53.9426, 68.6272, 83.0763



48.2759, 39.0754, 33.0173

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.



74.6390, 68.6272, 53.0627



53.9426, 68.6272, 83.0763



77.7603, 68.6272, 85.4097

Square

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



53.9426, 68.6272, 83.0763



68.0830, 68.6272, 114.6558



77.9871, 68.6272, 66.9500



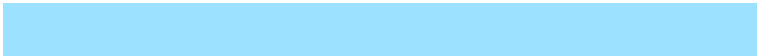
62.4542, 68.6272, 45.3410

Rectangle

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



53.9426, 68.6272, 83.0763



59.8224, 68.6272, 110.8871



77.9871, 68.6272, 66.9500



70.9500, 68.6272, 47.4252

Sweetspot

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



53.9446, 68.6299, 83.0779



85.2657, 94.9799, 107.3612



45.8881, 65.4968, 36.6105



18.0139, 20.2083, 22.9402



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.



53.9446, 68.6299, 83.0779



63.8289, 84.0018, 103.0628



44.7441, 49.3344, 82.7687



14.7773, 16.3243, 18.3580



23.3030, 34.9533, 43.6915



1.7309, 2.5865, 3.2756

Inverse Universe

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



48.2759, 39.0754, 33.0173



55.8064, 42.1500, 32.1970



54.9559, 52.9338, 33.7076



14.4037, 14.3787, 15.0605



18.5200, 9.5422, 1.1015



1.3781, 0.7089, 0.1316

Previews

White Background



This preview shows how the XYZ color 53.9426, 68.6272, 83.0763 looks on a white background.

Color Contrast Check

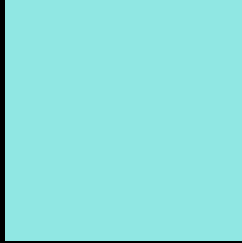
Large Text (above 18pt) WCAG AA × Fail

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 53.9426, 68.6272, 83.0763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

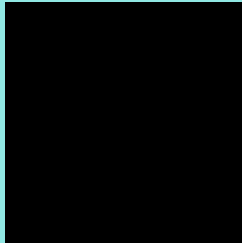
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9426, 68.6272, 83.0763

Background



This preview shows how black text looks on a background with the XYZ color 53.9426, 68.6272, 83.0763.

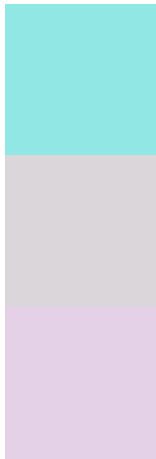


This preview shows how white text looks on a background with the XYZ color 53.9426, 68.6272,

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

53.9426, 68.6272, 83.0763

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

69.3609, 67.9211, 85.7983



Tritanopia

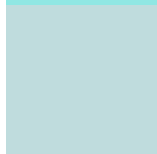
56.7724, 68.5302, 97.4242

Trichromacy



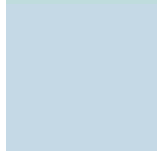
Original Color

53.9426, 68.6272, 83.0763



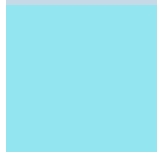
Protanomaly

60.1302, 67.4832, 78.2630



Deuteranomaly

62.1217, 67.2092, 84.5614



Tritanomaly

55.6319, 68.4737, 91.9460

Monochromacy



Original Color

53.9426, 68.6272, 83.0763



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.5852, 62.9645, 72.1745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9426, 68.6272, 83.0763 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(144, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(144, 231, 227)  
}
```

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(144, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 231, 227) }
```

Border

The CSS property to change the border of an element to XYZ 53.9426, 68.6272, 83.0763 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(144, 231, 227) }
```


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

```
.border{ border-color:rgb(144, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(144, 231,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9426, 68.6272, 83.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 231, 227) }
```

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

```
.background{ background-color: rgb(144,  
231, 227) }
```

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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