

Converting Colors

XYZ(56.1240, 73.0264, 93.9761)

Have a look what the booklet for
XYZ(56.1240, 73.0264, 93.9761)
contains.

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Color

**XYZ(56.1038, 72.9092,
94.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	83EFF1
RGB	131, 239, 241
RGB Percent	51%, 94%, 95%
CMY	0.4863, 0.0627, 0.0549
CMYK	0.46, 0.01, 0.00, 0.05
HSL	181°, 80%, 73%
HSV	181°, 46%, 95%
XYZ	56.1038, 72.9092, 94.3350
YIQ	206.9360, -65.0100, -22.2740

Conversions

Conversions Part 2

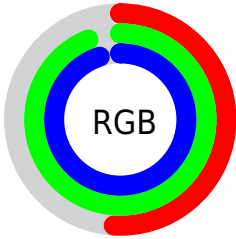
Format	Color
R_{YB}	131, 185, 241
Decimal	8646641
CIE _{Lab}	88.40, -30.59, -10.66
CIE _{LCh}	88, 32.396, 199.204
Yxy	72.9092, 0.2512, 0.3264
Android (android.graphics.Color)	4286836721 (0xFF83EFF1)
YUV	206.9360, 16.7936, -66.5959
Hunter-Lab	85.3869, -32.1429, -5.7325

Details

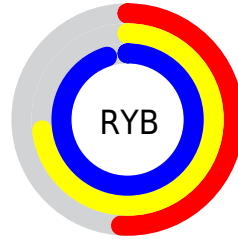
The XYZ color **56.1038, 72.9092, 94.3350** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.7612, 37.1157, 26.0686**, and the grayscale version is **59.1942, 62.2769, 67.8196**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **28.2162, 38.6718, 51.8762** is the 20% darker color. If you saturate the color by 10%, you get **52.6691, 70.9503, 94.1392**, and if you desaturate by 10%, it is **60.4112, 75.3219, 94.5750**.

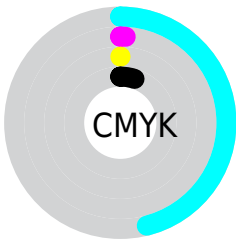
Distribution



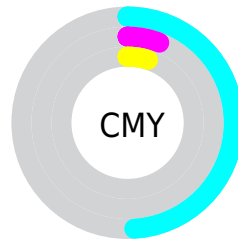
- Red (51%)
- Green (94%)
- Blue (95%)



- Red (51%)
- Yellow (73%)
- Blue (95%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)





- Cyan (49%)
- Magenta (6%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1038, 72.9092, 94.3350 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 56.1038, 72.9092, 94.3350 by changing the saturation by 10% instead.


 56.1038, 72.9092,
94.3350


 56.1038, 72.9092,
94.3350

400.1512,
470.7001, 562.9637

 40.5235, 53.9017,
70.9878


 98.2953, 123.3483,
155.3332

 28.1330, 38.5231,
51.8505


 125.6371,
155.5487, 193.8213

 18.5669, 26.3889,
36.5045


 157.6302,
192.9156, 238.1935

 11.4599, 17.1148,
24.5313

194.6398,
235.8332, 288.8682

 6.4466, 10.3164,
15.5124

237.0314,
284.6861, 346.2640

 3.1617, 5.6092,
9.0292

285.1702,

 1.2399, 2.6090,

339.8586, 410.7995

4.6631

339.4217,
401.7351, 482.8933

■ 0.1375, 0.9312,
1.9957

■ 0.0000, 0.0000,
0.5527

■ 56.1038, 72.9092,
94.3350

■ 56.1038, 72.9092,
94.3350

■ 52.6691, 70.9503,
94.1392

■ 60.4112, 75.3219,
94.5750

■ 50.0395, 69.4051,
93.9795


■ 65.6400, 78.2084,
94.8565


■ 48.1482, 68.2411,
93.8545


■ 71.8429, 81.5975,
95.1837


■ 46.9148, 67.4166,
93.7604


■ 79.0669, 85.5134,
95.5588


 46.2398, 66.8804,
93.6925


 87.3559, 89.9789,
95.9839

 46.0531, 66.7023,
93.6680

 88.7596, 90.8953,
96.0868

 88.8897, 91.1556,
96.1302

 89.0202, 91.4165,
96.1737

 89.1510, 91.6781,
96.2173

Harmonies

Analogous

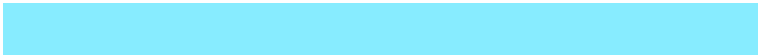
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.6120, 72.9092, 71.6245



56.1038, 72.9092, 94.3350



59.9723, 72.9092, 116.4551

Triad

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



56.1038, 72.9092, 94.3350



81.2565, 72.9092, 110.8125



72.1394, 72.9092, 44.2874

Complementary

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



56.1038, 72.9092, 94.3350



48.7612, 37.1157, 26.0686

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.



79.5436, 72.9092, 51.1581



56.1038, 72.9092, 94.3350



85.0632, 72.9092, 87.6883

Square

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



56.1038, 72.9092, 94.3350



74.3382, 72.9092, 127.1313



84.4139, 72.9092, 66.1056



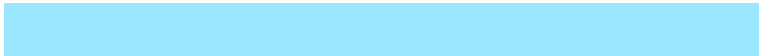
64.4910, 72.9092, 45.3987

Rectangle

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



56.1038, 72.9092, 94.3350



64.1190, 72.9092, 126.5743



84.4139, 72.9092, 66.1056



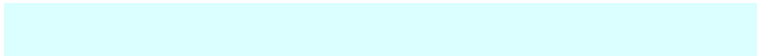
74.7487, 72.9092, 45.6801

Sweetspot

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



56.1060, 72.9120, 94.3367



82.9073, 93.4337, 108.2726



45.0391, 69.4263, 33.1586



17.3896, 19.8051, 23.1562



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.



56.1060, 72.9120, 94.3367



60.0402, 80.7536, 107.0303



42.4142, 45.5284, 89.7728



16.2213, 17.8768, 20.3172



24.9848, 36.1938, 50.7971



2.0863, 3.0266, 4.2284

Inverse Universe

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



59.9738, 41.1673, 86.4496



64.9848, 40.5216, 96.8686



58.3216, 56.2366, 29.2554



16.4412, 16.0262, 19.8794



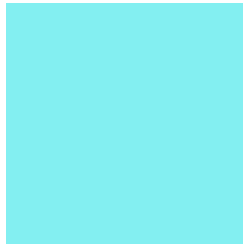
27.9368, 13.4471, 44.4452



2.3280, 1.1203, 3.7182

Previews

White Background



This preview shows how the XYZ color 56.1038, 72.9092, 94.3350 looks on a white background.

Color Contrast Check

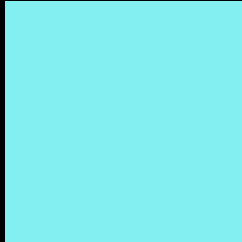
Large Text (above 18pt) WCAG AA × Fail

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 56.1038, 72.9092, 94.3350 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

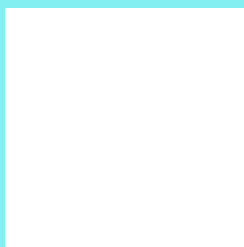
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1038, 72.9092, 94.3350

Background



This preview shows how black text looks on a background with the XYZ color 56.1038, 72.9092, 94.3350.

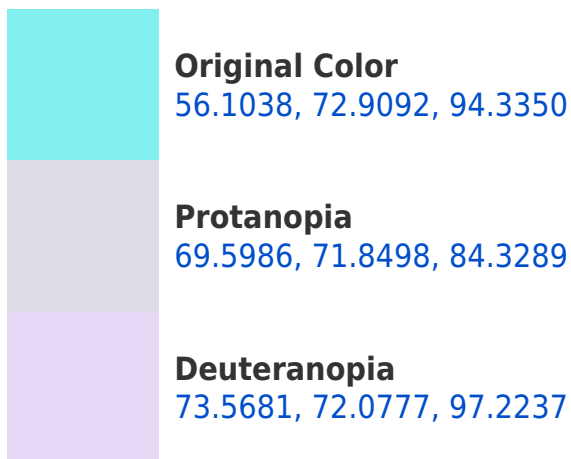


This preview shows how white text looks on a background with the XYZ color 56.1038, 72.9092,

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





Tritanopia

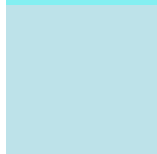
58.6929, 72.6999, 105.5468

Trichromacy



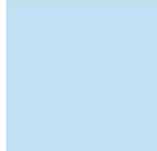
Original Color

56.1038, 72.9092, 94.3350



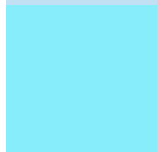
Protanomaly

62.8906, 71.0947, 87.4988



Deuteranomaly

65.2329, 71.3123, 95.9145



Tritanomaly

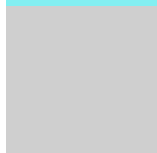
57.6928, 72.7047, 101.4352

Monochromacy



Original Color

56.1038, 72.9092, 94.3350



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.7081, 65.3612, 76.6450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1038, 72.9092, 94.3350 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(131, 239, 241)` looks like.

```
.text, #text, p{  
    color:rgb(131, 239, 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(131, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 56.1038, 72.9092, 94.3350 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(131, 239, 241) }
```


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

```
.border{ border-color:rgb(131, 239, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 239, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(131, 239,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1038, 72.9092, 94.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 239, 241) }
```

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

```
.background{ background-color: rgb(131,  
239, 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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