

Converting Colors

XYZ(53.8792, 72.1490, 76.9176)

Have a look what the booklet for
XYZ(53.8792, 72.1490, 76.9176)
contains.

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Color

**XYZ(53.8721, 72.1460,
76.7319)**

Conversions

Conversions Part 1

Format	Color
Hex	8AEFD9
RGB	138, 239, 217
RGB Percent	54%, 94%, 85%
CMY	0.4588, 0.0627, 0.1490
CMYK	0.42, 0.00, 0.09, 0.06
HSL	167°, 76%, 74%
HSV	167°, 42%, 94%
XYZ	53.8721, 72.1460, 76.7319
YIQ	206.2930, -53.1340, -28.2540

Conversions

Conversions Part 2

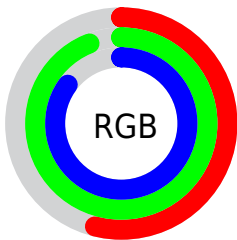
Format	Color
RYB	138, 195, 239
Decimal	9105369
CIELab	88.04, -34.65, 1.40
CIELCh	88, 34.683, 177.689
Yxy	72.1460, 0.2657, 0.3558
Android (android.graphics.Color)	4287295449 (0xFF8AEFD9)
YUV	206.2930, 5.2786, -59.8930
Hunter-Lab	84.9388, -35.4300, 5.8958

Details

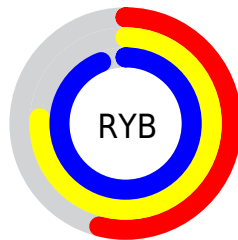
The XYZ color **53.8721, 72.1460, 76.7319** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.0327, 39.0677, 38.1114**, and the grayscale version is **58.8472, 61.9118, 67.4220**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **26.7633, 38.1811, 40.1415** is the 20% darker color. If you saturate the color by 10%, you get **49.6784, 70.0629, 73.0572**, and if you desaturate by 10%, it is **58.9613, 74.6919, 80.5632**.

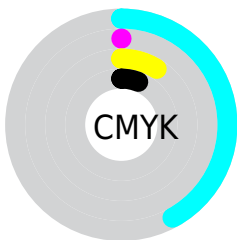
Distribution



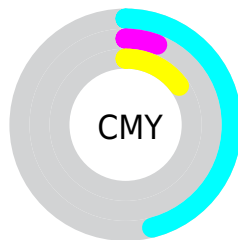
- Red (54%)
- Green (94%)
- Blue (85%)



- Red (54%)
- Yellow (76%)
- Blue (94%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (46%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8721, 72.1460, 76.7319 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 53.8721, 72.1460, 76.7319 by changing the saturation by 10% instead.


 53.8721, 72.1460,
76.7319


 53.8721, 72.1460,
76.7319


391.8284,
468.0496, 503.2628

 38.7297, 53.2780,
56.5226


 95.0444, 122.2641,
130.5305

 26.7293, 38.0247,
40.2153


 121.8050,
154.2829, 164.9569

 17.5055, 26.0019,
27.3914


153.1691,
191.4541, 204.9595

 10.6931, 16.8250,
17.6323

189.5019,
234.1621, 250.9566

 5.9266, 10.1098,
10.5197

231.1689,
282.7912, 303.3670

 2.8408, 5.4718,
5.6348

278.5354,

 1.0701, 2.5267,

337.7259, 362.6092

2.5591

331.9668,
399.3506, 429.1016

■ 0.0000, 0.8899,
0.8712

■ 0.0000, 0.0000,
0.0000

■ 53.8721, 72.1460,
76.7319

■ 53.8721, 72.1460,
76.7319

■ 49.6784, 70.0629,
73.0572

■ 58.9613, 74.6919,
80.5632

■ 46.3162, 68.4042,
69.5304


■ 64.9924, 77.7191,
84.5495


■ 43.7226, 67.1393,
66.1491


■ 72.0160, 81.2554,
88.6958


■ 41.8229, 66.2297,
62.9088

■ 80.0772, 85.3241,
93.0052


 40.5272, 65.6292,
59.8041

 88.2906, 89.4686,
97.4372

 39.8308, 65.3207,
57.4882

 89.0885, 89.7878,
101.6385

 89.9088, 90.1159,
105.9583

 90.1577, 90.2155,
107.2692

Harmonies

Analogous

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



55.9856, 72.1460, 56.6297



53.8721, 72.1460, 76.7319



55.4271, 72.1460, 101.6875

Triad

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



53.8721, 72.1460, 76.7319



76.2346, 72.1460, 126.2046



77.4332, 72.1460, 45.9945

Complementary

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



53.8721, 72.1460, 76.7319



51.0327, 39.0677, 38.1114

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.



83.6477, 72.1460, 59.2266



53.8721, 72.1460, 76.7319



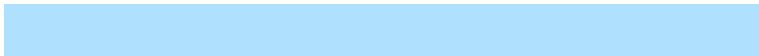
82.9175, 72.1460, 105.5140

Square

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



53.8721, 72.1460, 76.7319



67.9331, 72.1460, 133.4460



85.7301, 72.1460, 80.4062



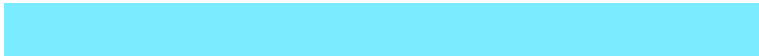
69.2161, 72.1460, 41.2553

Rectangle

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



53.8721, 72.1460, 76.7319



58.4105, 72.1460, 117.2987



85.7301, 72.1460, 80.4062



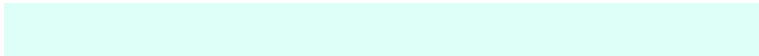
79.8499, 72.1460, 49.4469

Sweetspot

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



53.8742, 72.1489, 76.7336



82.7472, 93.7895, 102.3688



50.2686, 71.2070, 35.1409



17.3082, 19.8717, 21.6807



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.



53.8742, 72.1489, 76.7336



58.0297, 81.4040, 85.0882



49.6236, 58.7581, 90.3906



16.0913, 17.8666, 19.5039



22.0613, 36.1166, 32.0356



1.8714, 3.0190, 2.8551

Inverse Universe

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



51.0327, 39.0677, 38.1114



54.3403, 38.2238, 34.7725



53.6295, 47.0741, 30.3057



15.9137, 15.8152, 17.1019



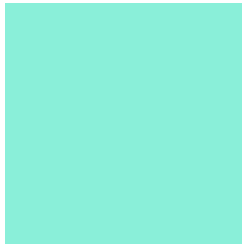
20.0544, 10.2942, 2.9371



1.7042, 0.8707, 0.4332

Previews

White Background



This preview shows how the XYZ color 53.8721, 72.1460, 76.7319 looks on a white background.

Color Contrast Check

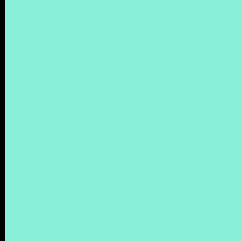
Large Text (above 18pt) WCAG AA × Fail

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 53.8721, 72.1460, 76.7319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

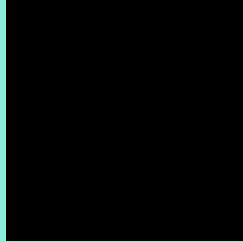
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8721, 72.1460, 76.7319

Background



This preview shows how black text looks on a background with the XYZ color 53.8721, 72.1460, 76.7319.

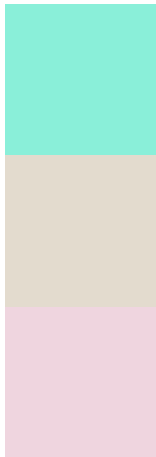


This preview shows how white text looks on a background with the XYZ color 53.8721, 72.1460,

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

53.8721, 72.1460, 76.7319

Protanopia

68.1506, 71.4502, 68.5919

Deuteranopia

72.7101, 71.2669, 79.7357



Tritanopia

59.3652, 72.2334, 103.7421

Trichromacy



Original Color

53.8721, 72.1460, 76.7319



Protanomaly

61.3349, 70.6480, 71.3765



Deuteranomaly

63.5295, 70.0196, 78.5734



Tritanomaly

57.2252, 72.2115, 93.3602

Monochromacy



Original Color

53.8721, 72.1460, 76.7319



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.7603, 64.6197, 70.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8721, 72.1460, 76.7319 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(138, 239, 217)` looks like.

```
.text, #text, p{  
    color:rgb(138, 239, 217)  
}
```

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(138, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 239, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.8721, 72.1460, 76.7319 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(138, 239, 217) }
```


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

```
.border{ border-color:rgb(138, 239, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 239, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(138, 239,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8721, 72.1460, 76.7319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 239, 217) }
```

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

```
.background{ background-color: rgb(138,  
239, 217) }
```

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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