

Converting Colors

XYZ(53.7011, 73.3745, 96.0480)

Have a look what the booklet for
XYZ(53.7011, 73.3745, 96.0480)
contains.

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Color

**XYZ(53.7077, 73.3970,
96.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	66F3F3
RGB	102, 243, 243
RGB Percent	40%, 95%, 95%
CMY	0.6000, 0.0470, 0.0471
CMYK	0.58, 0.00, 0.00, 0.05
HSL	180°, 85%, 68%
HSV	180°, 58%, 95%
XYZ	53.7077, 73.3970, 96.1304
YIQ	200.8410, -84.0360, -29.8920

Conversions

Conversions Part 2

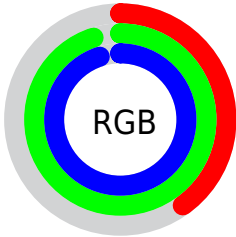
Format	Color
RYB	102, 173, 243
Decimal	6747123
CIELab	88.64, -37.65, -11.46
CIElCh	89, 39.358, 196.924
Yxy	73.3970, 0.2406, 0.3288
Android (android.graphics.Color)	4284937203 (0xFF66F3F3)
YUV	200.8410, 20.7844, -86.6836
Hunter-Lab	85.6720, -38.0247, -6.5573

Details

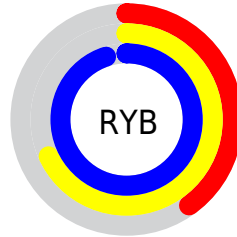
The XYZ color **53.7077, 73.3970, 96.1304** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **44.1142, 29.5189, 15.9453**, and the grayscale version is **55.3337, 58.2154, 63.3965**.

A 20% lighter version of the original color is **69.3270, 86.7393, 107.6962**, and **26.5786, 38.7315, 53.0888** is the 20% darker color. If you saturate the color by 10%, you get **51.3475, 72.1819, 96.0213**, and if you desaturate by 10%, it is **56.8793, 75.0337, 96.2807**.

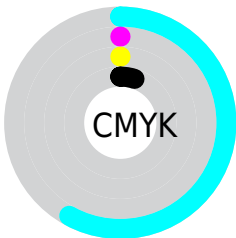
Distribution



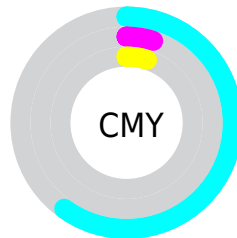
- Red (40%)
- Green (95%)
- Blue (95%)



- Red (40%)
- Yellow (68%)
- Blue (95%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7077, 73.3970, 96.1304 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 53.7077, 73.3970, 96.1304 by changing the saturation by 10% instead.

53.7077, 73.3970,
96.1304

53.7077, 73.3970,
96.1304

391.2110,
472.3896, 568.8541

38.5978, 54.3006,
72.4741

94.8043, 124.0406,
157.8344

26.6263, 38.8421,
53.0568

121.5218,
156.3567, 196.7191

17.4279, 26.6369,
37.4601

152.8390,
193.8482, 241.5170

10.6372, 17.3007,
25.2654

189.1216,
236.8993, 292.6468

5.8889, 10.4491,
16.0541

230.7346,
285.8947, 350.5268

2.8177, 5.6977,
9.4076

278.0437,

1.0581, 2.6622,

341.2186, 415.5756

4.9076

331.4140,
403.2554, 488.2119

■ 0.0000, 0.9580,
2.1354

■ 0.0000, 0.0000,
0.6367

■ 53.7077, 73.3970,
96.1304

■ 53.7077, 73.3970,
96.1304

■ 51.3475, 72.1819,
96.0213

■ 56.8793, 75.0337,
96.2807

■ 49.7192, 71.3425,
95.9448


■ 60.9195, 77.1165,
96.4701


■ 48.7392, 70.8373,
95.8987


■ 65.8883, 79.6780,
96.7029


■ 48.2896, 70.6055,
95.8773


■ 71.8384, 82.7453,
96.9817


 48.2294, 70.5745,
95.8745

 78.8183, 86.3436,
97.3086

 86.8737, 90.4963,
97.6859

 89.4700, 91.8348,
97.8077

 89.4701, 91.8348,
97.8080

 89.4701, 91.8348,
97.8082

Harmonies

Analogous

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



53.4415, 73.3970, 68.6582



53.7077, 73.3970, 96.1304



58.0173, 73.3970, 124.5339

Triad

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



53.7077, 73.3970, 96.1304



83.9703, 73.3970, 121.2251



73.9755, 73.3970, 39.0288

Complementary

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



53.7077, 73.3970, 96.1304



44.1142, 29.5189, 15.9453

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.



82.9927, 73.3970, 47.4763



53.7077, 73.3970, 96.1304



89.1061, 73.3970, 92.3435

Square

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



53.7077, 73.3970, 96.1304



75.2144, 73.3970, 141.1255



88.7329, 73.3970, 65.6373



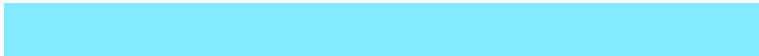
64.5790, 73.3970, 39.5954

Rectangle

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



53.7077, 73.3970, 96.1304



62.8456, 73.3970, 138.3394



88.7329, 73.3970, 65.6373



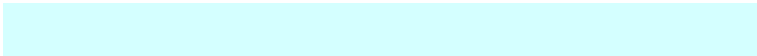
77.1674, 73.3970, 40.8095

Sweetspot

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



53.7099, 73.3998, 96.1321



80.8605, 92.6850, 108.2354



40.2008, 68.0273, 23.5839



16.9970, 19.6784, 23.1523



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.



53.7099, 73.3998, 96.1321



56.8299, 80.2969, 107.1091



36.9603, 39.9001, 90.5505



16.9968, 18.7578, 21.2673



26.4691, 38.7325, 52.6175



2.3264, 3.4042, 4.6246

Inverse Universe

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



44.1142, 29.5189, 15.9453



45.1811, 27.0269, 9.7649



53.7659, 48.8225, 19.1620



16.4992, 16.4825, 17.1095



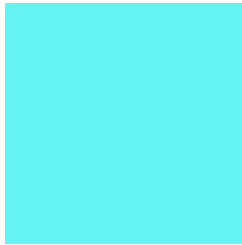
20.2862, 10.4579, 0.9495



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 53.7077, 73.3970, 96.1304 looks on a white background.

Color Contrast Check

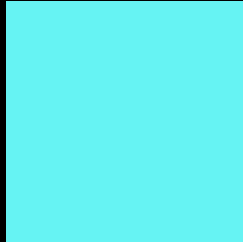
Large Text (above 18pt) WCAG AA × Fail

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 53.7077, 73.3970, 96.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

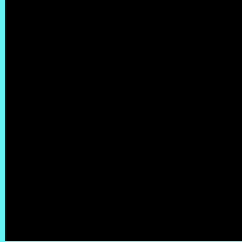
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7077, 73.3970, 96.1304

Background



This preview shows how black text looks on a background with the XYZ color 53.7077, 73.3970, 96.1304.

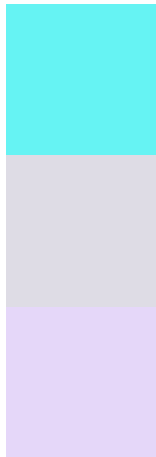


This preview shows how white text looks on a background with the XYZ color 53.7077, 73.3970,

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

53.7077, 73.3970, 96.1304

Protanopia

69.8603, 72.3731, 84.4161

Deuteranopia

73.7124, 72.0984, 99.6539



Tritanopia

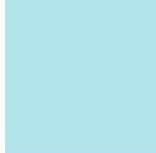
57.9846, 73.1944, 105.6796

Trichromacy



Original Color

53.7077, 73.3970, 96.1304



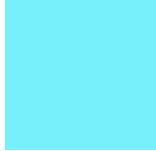
Protanomaly

60.9548, 70.8923, 88.3128



Deuteranomaly

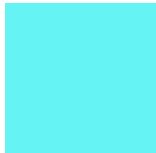
63.2422, 70.6331, 98.2960



Tritanomaly

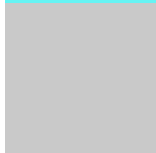
56.3184, 73.2783, 102.4426

Monochromacy



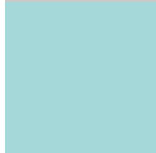
Original Color

53.7077, 73.3970, 96.1304



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

52.4676, 62.0689, 74.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7077, 73.3970, 96.1304 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(102, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(102, 243, 243)  
}
```

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(102, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 53.7077, 73.3970, 96.1304 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(102, 243, 243) }
```


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

```
.border{ border-color:rgb(102, 243, 243) }
```

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

Here you see how a box with a 4 pixel rgb(102, 243, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(102, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7077, 73.3970, 96.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 243, 243) }
```

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

```
.background{ background-color: rgb(102,  
243, 243) }
```

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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