

Converting Colors

XYZ(53.2729, 71.4956, 91.4691)

Have a look what the booklet for
XYZ(53.2729, 71.4956, 91.4691)
contains.

XYZ(53.2228, 71.4923, 91.1150)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.2228, 71.4923,
91.1150)**

Conversions

Conversions Part 1

Format	Color
Hex	73EFED
RGB	115, 239, 237
RGB Percent	45%, 94%, 93%
CMY	0.5490, 0.0627, 0.0706
CMYK	0.52, 0.00, 0.01, 0.06
HSL	179°, 79%, 69%
HSV	179°, 52%, 94%
XYZ	53.2228, 71.4923, 91.1150
YIQ	201.6960, -73.2620, -26.9100

Conversions

Conversions Part 2

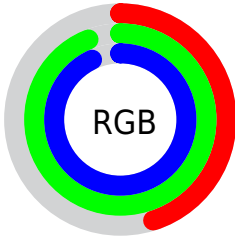
Format	Color
RYB	115, 178, 239
Decimal	7598061
CIELab	87.72, -34.97, -9.64
CIELCh	88, 36.268, 195.406
Yxy	71.4923, 0.2466, 0.3312
Android (android.graphics.Color)	4285788141 (0xFF73EFED)
YUV	201.6960, 17.4049, -76.0324
Hunter-Lab	84.5531, -35.6094, -4.7041

Details

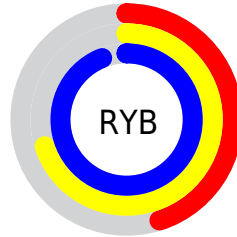
The XYZ color **53.2228, 71.4923, 91.1150** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **44.9407, 31.8987, 20.6205**, and the grayscale version is **55.8793, 58.7894, 64.0217**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **26.4007, 37.7840, 49.6176** is the 20% darker color. If you saturate the color by 10%, you get **50.4224, 70.0568, 90.6915**, and if you desaturate by 10%, it is **56.8422, 73.3533, 91.5807**.

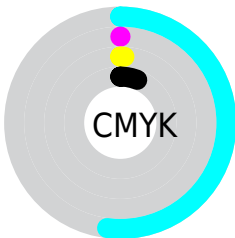
Distribution



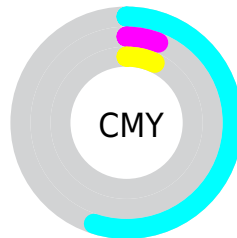
- Red (45%)
- Green (94%)
- Blue (93%)



- Red (45%)
- Yellow (70%)
- Blue (94%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)





- Cyan (55%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2228, 71.4923, 91.1150 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 53.2228, 71.4923, 91.1150 by changing the saturation by 10% instead.


 53.2228, 71.4923,
91.1150


 53.2228, 71.4923,
91.1150


389.3862,
465.7725, 552.3147


 38.2089, 52.7440,
68.3269


 94.0957, 121.3344,
150.8352

 26.3228, 37.5985,
49.6954


 120.6854,
153.1971, 188.6044

 17.1992, 25.6712,
34.8019


 151.8644,
190.2001, 232.2044

 10.4728, 16.5778,
23.2280

187.9981,
232.7277, 282.0537

 5.7782, 9.9340,
14.5551

229.4517,
281.1643, 338.5708

 2.7501, 5.3552,
8.3646

276.5907,

 1.0230, 2.4571,

335.8944, 402.1743

4.2380

329.7804,
397.3024, 473.2828

■ 0.0000, 0.8551,
1.7568

■ 0.0000, 0.0000,
0.3992

■ 53.2228, 71.4923,
91.1150

■ 53.2228, 71.4923,
91.1150

■ 50.4224, 70.0568,
90.6915

■ 56.8422, 73.3533,
91.5807

■ 48.3702, 69.0054,
90.3020


■ 61.3317, 75.6612,
92.0861


■ 46.9944, 68.3026,
89.9448


■ 66.7456, 78.4456,
92.6355


■ 46.2058, 67.9025,
89.6157


■ 73.1321, 81.7314,
93.2309


 45.8839, 67.7418,
89.3639

 80.5361, 85.5417,
93.8747

 87.7346, 89.2461,
94.5094

 87.7918, 89.2690,
94.8106

 87.8491, 89.2919,
95.1125

 87.9065, 89.3149,
95.4149

Harmonies

Analogous

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



53.1712, 71.4923, 66.5091



53.2228, 71.4923, 91.1150



56.9897, 71.4923, 116.6739

Triad

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



53.2228, 71.4923, 91.1150



80.4207, 71.4923, 116.0530



72.2038, 71.4923, 40.4169

Complementary

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



53.2228, 71.4923, 91.1150



44.9407, 31.8987, 20.6205

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.



80.2353, 71.4923, 48.7533



53.2228, 71.4923, 91.1150



85.2440, 71.4923, 90.3963

Square

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



53.2228, 71.4923, 91.1150



72.4399, 71.4923, 133.0110



85.1735, 71.4923, 65.9267



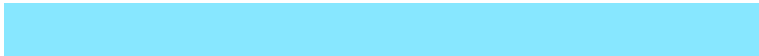
63.6520, 71.4923, 40.5293

Rectangle

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



53.2228, 71.4923, 91.1150



61.2986, 71.4923, 129.3369



85.1735, 71.4923, 65.9267



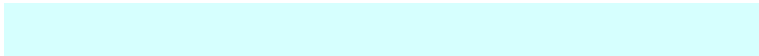
75.0687, 71.4923, 42.2318

Sweetspot

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



53.2249, 71.4951, 91.1167



81.4941, 93.0239, 107.7128



41.3083, 66.7602, 26.9302



17.1171, 19.7432, 23.0245



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.



53.2249, 71.4951, 91.1167



58.3207, 81.1125, 105.0497



38.7860, 42.1463, 87.7552



16.2357, 17.9243, 20.2642



25.3606, 37.4363, 49.4094



2.1133, 3.1158, 4.1289

Inverse Universe

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



44.9407, 31.8987, 20.6205



47.7793, 30.7005, 15.3258



54.0107, 50.2252, 23.0691



15.7832, 15.7630, 16.4144



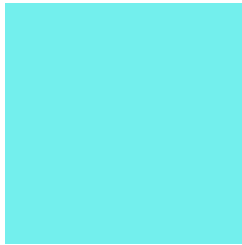
19.6877, 10.1475, 1.0061



1.6414, 0.8456, 0.1027

Previews

White Background



This preview shows how the XYZ color 53.2228, 71.4923, 91.1150 looks on a white background.

Color Contrast Check

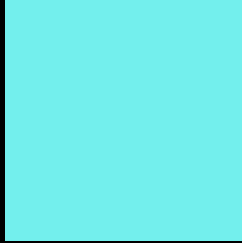
Large Text (above 18pt) WCAG AA × Fail

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 53.2228, 71.4923, 91.1150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

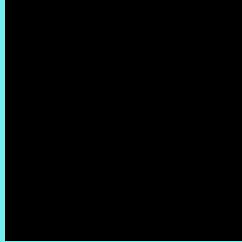
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2228, 71.4923, 91.1150

Background



This preview shows how black text looks on a background with the XYZ color 53.2228, 71.4923, 91.1150.

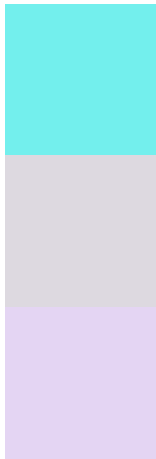


This preview shows how white text looks on a background with the XYZ color 53.2228, 71.4923,

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

53.2228, 71.4923, 91.1150

Protanopia

68.0862, 70.3797, 80.5171

Deuteranopia

71.9668, 70.5535, 94.6192



Tritanopia

56.2138, 71.4219, 105.4308

Trichromacy



Original Color

53.2228, 71.4923, 91.1150



Protanomaly

60.3595, 69.4527, 84.3532



Deuteranomaly

62.4920, 69.1582, 93.2743



Tritanomaly

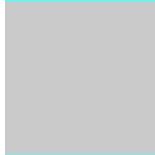
54.9732, 71.3388, 99.6793

Monochromacy



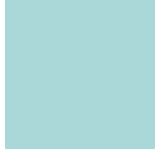
Original Color

53.2228, 71.4923, 91.1150



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.1437, 62.0532, 73.4665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2228, 71.4923, 91.1150 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(115, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(115, 239, 237)  
}
```

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(115, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 239, 237) }
```

Border

The CSS property to change the border of an element to XYZ 53.2228, 71.4923, 91.1150 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(115, 239, 237) }
```


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

```
.border{ border-color:rgb(115, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(115, 239,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2228, 71.4923, 91.1150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 239, 237) }
```

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

```
.background{ background-color: rgb(115,  
239, 237) }
```

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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