

Converting Colors

XYZ(53.3798, 71.3756, 72.6292)

Have a look what the booklet for
XYZ(53.3798, 71.3756, 72.6292)
contains.

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Color

**XYZ(53.4877, 71.6030,
72.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEED3
RGB	142, 238, 211
RGB Percent	56%, 93%, 83%
CMY	0.4431, 0.0666, 0.1725
CMYK	0.40, 0.00, 0.11, 0.07
HSL	163°, 74%, 75%
HSV	163°, 40%, 93%
XYZ	53.4877, 71.6030, 72.6297
YIQ	206.2180, -48.5490, -28.7490

Conversions

Conversions Part 2

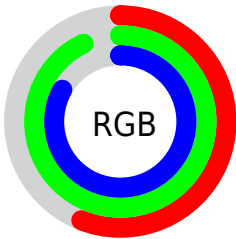
Format	Color
RYB	142, 198, 238
Decimal	9367251
CIELab	87.78, -34.51, 4.18
CIELCh	88, 34.765, 173.099
Yxy	71.6030, 0.2705, 0.3621
Android (android.graphics.Color)	4287557331 (0xFF8EEED3)
YUV	206.2180, 2.3575, -56.3192
Hunter-Lab	84.6186, -35.2520, 8.3433

Details

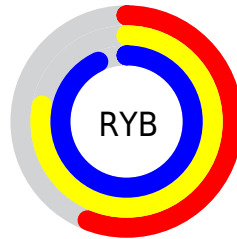
The XYZ color **53.4877, 71.6030, 72.6297** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.0967, 40.3895, 42.5889**, and the grayscale version is **58.8151, 61.8780, 67.3852**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **26.6515, 37.8687, 37.8030** is the 20% darker color. If you saturate the color by 10%, you get **49.0105, 69.3917, 68.1311**, and if you desaturate by 10%, it is **58.8756, 74.2834, 77.3565**.

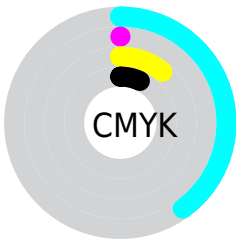
Distribution



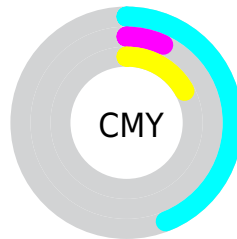
- Red (56%)
- Green (93%)
- Blue (83%)



- Red (56%)
- Yellow (78%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4877, 71.6030, 72.6297 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 53.4877, 71.6030, 72.6297 by changing the saturation by 10% instead.


 53.4877, 71.6030,
72.6297


 53.4877, 71.6030,
72.6297

390.3837,
466.1586, 488.7667

 38.4213, 52.8344,
53.1832

 94.4829, 121.4919,
124.6674

 26.4885, 37.6706,
37.5604


 121.1425,
153.3811, 158.0958

 17.3241, 25.7271,
25.3425


152.3971,
190.4126, 197.0218

 10.5625, 16.6196,
16.1110

188.6121,
232.9708, 241.8641

 5.8386, 9.9637,
9.4476

230.1529,
281.4401, 293.0412

 2.7869, 5.3749,
4.9335


277.3849,


 1.0421, 2.4689,


336.2049, 350.9717


2.1502


330.6734,
397.6496, 416.0740


 0.0000, 0.8610,
0.6454


 0.0000, 0.0000,
0.0000


 53.4877, 71.6030,
72.6297


 53.4877, 71.6030,
72.6297


 49.0105, 69.3917,
68.1311


 58.8756, 74.2834,
77.3565


 45.3817, 67.6120,
63.8509


 65.2197, 77.4508,
82.3111


 42.5402, 66.2342,
59.7857


 72.5696, 81.1326,
87.4996


 40.4142, 65.2213,
55.9297

 80.9694, 85.3514,
92.9260

 38.9179, 64.5293,
52.2767

 88.2170, 88.9721,
98.4894

 37.9323, 64.0942,
48.9305

 89.2549, 89.3873,
103.9551

 89.8658, 89.6316,
107.1719

Harmonies

Analogous

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



56.1396, 71.6030, 53.7366



53.4877, 71.6030, 72.6297



54.4793, 71.6030, 97.1860

Triad

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



53.4877, 71.6030, 72.6297



74.4736, 71.6030, 127.6805



78.0357, 71.6030, 46.9766

Complementary

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



53.4877, 71.6030, 72.6297



52.0967, 40.3895, 42.5889

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.



83.7206, 71.6030, 61.4591



53.4877, 71.6030, 72.6297



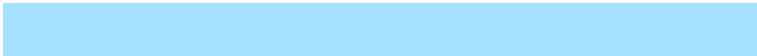
81.5507, 71.6030, 108.5570

Square

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



53.4877, 71.6030, 72.6297



66.1677, 71.6030, 132.3408



85.0562, 71.6030, 83.5522



69.9809, 71.6030, 40.9909

Rectangle

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



53.4877, 71.6030, 72.6297



57.1152, 71.6030, 113.3187



85.0562, 71.6030, 83.5522



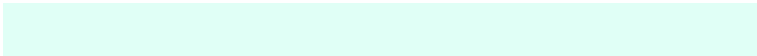
80.3128, 71.6030, 50.8527

Sweetspot

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



53.4897, 71.6059, 72.6313



83.3196, 94.1093, 101.2789



51.8643, 71.5622, 36.6716



17.5837, 20.0179, 21.5055



0.0000, 0.0000, 0.0000



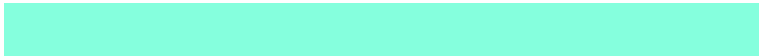
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4897, 71.6059, 72.6313



58.3641, 81.6717, 80.7964



51.4545, 61.6553, 90.0810



16.0467, 17.8487, 19.2688



21.2195, 35.7798, 27.6027



1.8075, 2.9934, 2.5187

Inverse Universe

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



52.0967, 40.3895, 42.5889



56.5505, 40.7168, 41.4512



53.2063, 46.2555, 31.7162



15.9555, 15.8319, 17.3221



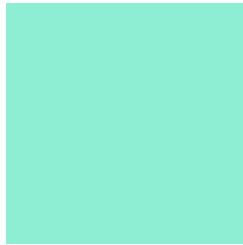
20.2833, 10.3857, 4.1422



1.7284, 0.8804, 0.5604

Previews

White Background



This preview shows how the XYZ color 53.4877, 71.6030, 72.6297 looks on a white background.

Color Contrast Check

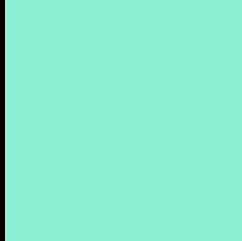
Large Text (above 18pt) WCAG AA × Fail

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 53.4877, 71.6030, 72.6297 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

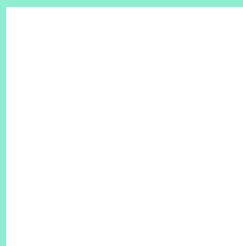
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4877, 71.6030, 72.6297

Background



This preview shows how black text looks on a background with the XYZ color 53.4877, 71.6030, 72.6297.



This preview shows how white text looks on a background with the XYZ color 53.4877, 71.6030,

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

53.4877, 71.6030, 72.6297

Protanopia

67.1753, 70.6438, 64.7387

Deuteranopia

72.3435, 70.7975, 75.4980



Tritanopia

59.2181, 71.3537, 101.9183

Trichromacy



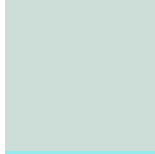
Original Color

53.4877, 71.6030, 72.6297



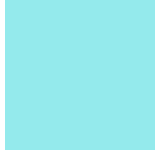
Protanomaly

60.5892, 69.9458, 67.4342



Deuteranomaly

63.2990, 69.5983, 74.3876



Tritanomaly

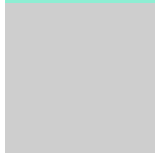
56.7759, 71.1977, 90.1070

Monochromacy



Original Color

53.4877, 71.6030, 72.6297



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.9850, 64.7642, 69.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4877, 71.6030, 72.6297 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(142, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(142, 238, 211)  
}
```

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(142, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 238, 211) }
```

Border

The CSS property to change the border of an element to XYZ 53.4877, 71.6030, 72.6297 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(142, 238, 211) }
```


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

```
.border{ border-color:rgb(142, 238, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 238, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 238, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 238, 211);  
box-shadow:4px 4px 4px 4px rgb(142, 238,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4877, 71.6030, 72.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 238, 211) }
```

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

```
.background{ background-color: rgb(142,  
238, 211) }
```

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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