

Converting Colors

XYZ(32.8094, 39.7981, 53.5360)

Have a look what the booklet for
XYZ(32.8094, 39.7981, 53.5360)
contains.

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Color

**XYZ(32.8049, 39.7930,
53.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	77B3BC
RGB	119, 179, 188
RGB Percent	47%, 70%, 74%
CMY	0.5333, 0.2980, 0.2627
CMYK	0.37, 0.05, 0.00, 0.26
HSL	188°, 34%, 60%
HSV	188°, 37%, 74%
XYZ	32.8049, 39.7930, 53.5288
YIQ	162.0860, -38.6490, -9.9210

Conversions

Conversions Part 2

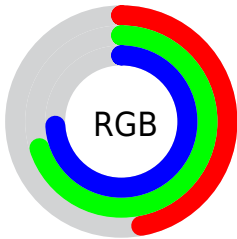
Format	Color
RYB	119, 151, 188
Decimal	7844796
CIELab	69.32, -17.04, -10.74
CIELCh	69, 20.142, 212.228
Yxy	39.7930, 0.2601, 0.3155
Android (android.graphics.Color)	4286034876 (0xFF77B3BC)
YUV	162.0860, 12.7756, -37.7864
Hunter-Lab	63.0817, -17.5661, -6.1541

Details

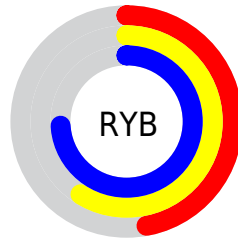
The XYZ color **32.8049, 39.7930, 53.5288** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.7885, 27.4619, 21.0788**, and the grayscale version is **34.3389, 36.1272, 39.3425**.

A 20% lighter version of the original color is **63.4930, 74.9470, 96.7077**, and **14.0808, 17.8292, 25.6209** is the 20% darker color. If you saturate the color by 10%, you get **29.9889, 37.6193, 53.2583**, and if you desaturate by 10%, it is **36.1424, 42.2505, 53.8279**.

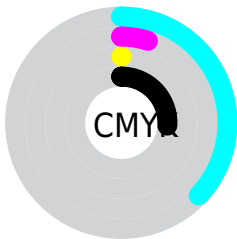
Distribution



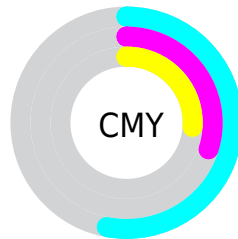
- Red (47%)
- Green (70%)
- Blue (74%)



- Red (47%)
- Yellow (59%)
- Blue (74%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (53%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8049, 39.7930, 53.5288 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 32.8049, 39.7930, 53.5288 by changing the saturation by 10% instead.

■ 32.8049, 39.7930,
53.5288

■ 32.8049, 39.7930,
53.5288

306.4502,
345.2503, 417.4343

■ 22.1355, 27.3772,
37.8345

■ 63.4275, 74.8482,
96.8315

■ 14.0737, 17.8567,
25.5534

■ 84.1115, 98.2564,
125.2769

■ 8.2540, 10.8472,
16.2671

■ 108.8644,
126.0975, 158.8097

■ 4.3111, 5.9642,
9.5569

138.0516,
158.7558, 197.8485

■ 1.8796, 2.8233,
5.0045

172.0384,
196.6159, 242.8118

■ 0.5649, 1.0402,
2.1911

211.1902,

■ 0.0000, 0.0000,

240.0621, 294.1182

0.6692

255.8724,
289.4788, 352.1862

■ 0.0000, 0.0000,
0.0000

■ 32.8049, 39.7930,
53.5288

■ 32.8049, 39.7930,
53.5288

■ 29.9889, 37.6193,
53.2583

■ 36.1424, 42.2505,
53.8279

■ 27.6605, 35.7088,
53.0123

■ 40.0256, 45.0013,
54.1542

■ 25.7875, 34.0460,
52.7901

■ 44.4815, 48.0605,
54.5099

■ 24.3321, 32.6112,
52.5898

■ 49.5342, 51.4406,
54.8960

■ 23.2503, 31.3817,
52.4095

■ 55.2066, 55.1533,
55.3136

■ 22.4829, 30.3270,
52.2464

■ 61.5201, 59.2098,
55.7639

■ 22.2607, 29.9978,
52.1946

■ 68.4953, 63.6208,
56.2476

■ 70.6526, 65.5615,
56.5085

■ 71.2198, 66.6960,
56.6976

Harmonies

Analogous

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



31.9460, 39.7930, 44.0233



32.8049, 39.7930, 53.5288



34.9997, 39.7930, 61.0599

Triad

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



32.8049, 39.7930, 53.5288



43.5913, 39.7930, 52.1610



37.5810, 39.7930, 27.8660

Complementary

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



32.8049, 39.7930, 53.5288



31.7885, 27.4619, 21.0788

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.



40.7922, 39.7930, 29.4112



32.8049, 39.7930, 53.5288



44.3777, 39.7930, 42.6397

Square

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



32.8049, 39.7930, 53.5288



41.2338, 39.7930, 60.1945



43.3263, 39.7930, 34.5129



34.6039, 39.7930, 29.9488

Rectangle

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



32.8049, 39.7930, 53.5288



36.9878, 39.7930, 63.4622



43.3263, 39.7930, 34.5129



38.6687, 39.7930, 27.9780

Sweetspot

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



32.8061, 39.7946, 53.5297



76.8668, 84.5476, 98.4942



29.4257, 41.4228, 26.5410



16.2953, 18.0205, 21.1620



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.8061, 39.7946, 53.5297



55.2889, 68.9202, 96.6151



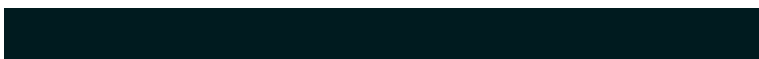
26.8799, 27.9422, 51.5543



9.6996, 10.5915, 12.2053



15.1946, 20.5010, 35.5491



0.6251, 0.8629, 1.4025

Inverse Universe

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



35.4735, 27.1406, 46.0186



60.9337, 43.0485, 80.5167



36.9108, 37.7065, 22.7862



9.8750, 9.6743, 11.7306



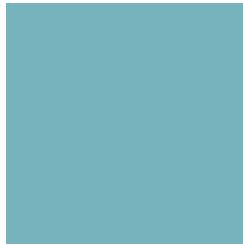
18.6703, 9.0993, 24.6212



0.7464, 0.3625, 1.0440

Previews

White Background



This preview shows how the XYZ color 32.8049, 39.7930, 53.5288 looks on a white background.

Color Contrast Check

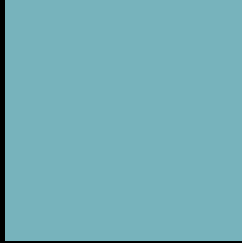
Large Text (above 18pt) WCAG AA × Fail

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 32.8049, 39.7930, 53.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

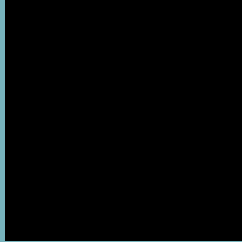
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8049, 39.7930, 53.5288

Background



This preview shows how black text looks on a background with the XYZ color 32.8049, 39.7930, 53.5288.

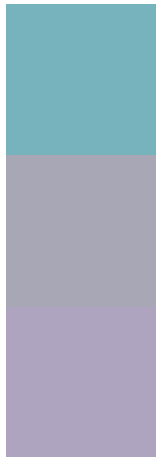


This preview shows how white text looks on a background with the XYZ color 32.8049, 39.7930,

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

32.8049, 39.7930, 53.5288

Protanopia

38.3077, 39.2985, 49.2824

Deuteranopia

40.1350, 39.3112, 54.7627



Tritanopia

33.2918, 39.6841, 56.3572

Trichromacy



Original Color

32.8049, 39.7930, 53.5288

Protanomaly

35.7923, 39.0705, 51.0023

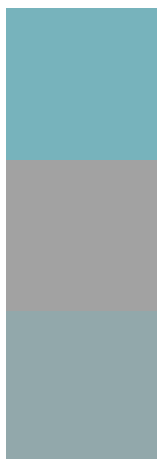
Deuteranomaly

36.8087, 38.9637, 54.2959

Tritanomaly

33.0701, 39.5954, 55.1899

Monochromacy



Original Color

32.8049, 39.7930, 53.5288

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.2074, 37.0565, 43.9305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8049, 39.7930, 53.5288 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(119, 179, 188)` looks like.

```
.text, #text, p{  
    color:rgb(119, 179, 188)  
}
```

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(119, 179, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 179, 188) }
```

Border

The CSS property to change the border of an element to XYZ 32.8049, 39.7930, 53.5288 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(119, 179, 188) }
```


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

```
.border{ border-color:rgb(119, 179, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 179, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 179, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 179, 188);  
box-shadow:4px 4px 4px 4px rgb(119, 179,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8049, 39.7930, 53.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 179, 188) }
```

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

```
.background{ background-color: rgb(119,  
179, 188) }
```

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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