

Converting Colors

XYZ(39.7326, 53.8628, 79.5366)

Have a look what the booklet for
XYZ(39.7326, 53.8628, 79.5366)
contains.

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Color

**XYZ(39.7326, 53.8628,
79.5366)**

Conversions

Conversions Part 1

Format	Color
Hex	47D4E1
RGB	71, 212, 225
RGB Percent	28%, 83%, 88%
CMY	0.7215, 0.1686, 0.1176
CMYK	0.68, 0.06, 0.00, 0.12
HSL	185°, 72%, 58%
HSV	185°, 68%, 88%
XYZ	39.7326, 53.8628, 79.5366
YIQ	171.3230, -88.2090, -25.8490

Conversions

Conversions Part 2

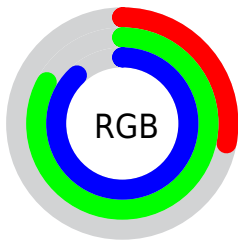
Format	Color
RYB	71, 145, 225
Decimal	4707553
CIELab	78.38, -32.96, -17.39
CIELCh	78, 37.268, 207.823
Yxy	53.8628, 0.2295, 0.3111
Android (android.graphics.Color)	4282897633 (0xFF47D4E1)
YUV	171.3230, 26.4628, -87.9833
Hunter-Lab	73.3913, -31.7983, -12.8807

Details

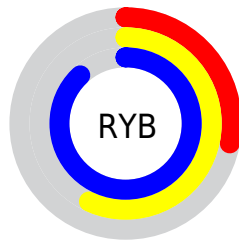
The XYZ color **39.7326, 53.8628, 79.5366** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **35.3603, 22.8046, 8.5008**, and the grayscale version is **38.7759, 40.7952, 44.4260**.

A 20% lighter version of the original color is **64.2912, 84.1433, 107.4605**, and **19.3127, 27.0162, 42.2270** is the 20% darker color. If you saturate the color by 10%, you get **37.9061, 52.2217, 79.3171**, and if you desaturate by 10%, it is **42.1786, 55.8339, 79.7891**.

Distribution



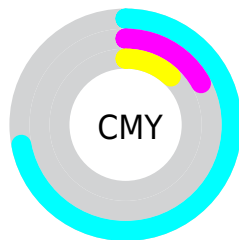
- Red (28%)
- Green (83%)
- Blue (88%)



- Red (28%)
- Yellow (57%)
- Blue (88%)



- Cyan (68%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (72%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7326, 53.8628, 79.5366 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 39.7326, 53.8628, 79.5366 by changing the saturation by 10% instead.

■ 39.7326, 53.8628,
79.5366

■ 39.7326, 53.8628,
79.5366

336.1490,
401.5866, 513.0353

■ 27.5134, 38.4920,
58.8132

■ 74.0431, 95.8728,
134.5195

■ 18.0978, 26.3648,
42.0437

■ 96.8651, 123.2807,
169.6161

■ 11.1203, 17.0967,
28.8097

■ 123.9521,
155.4698, 210.3408

■ 6.2157, 10.3035,
18.6926

■ 155.6694,
192.8245, 257.1122

■ 3.0186, 5.6006,
11.2738

192.3824,
235.7291, 310.3488

■ 1.1636, 2.6038,
6.1348

234.4564,

■ 0.0773, 0.9286,

284.5681, 370.4692

2.8571

282.2568,
339.7258, 437.8918

■ 0.0000, 0.0000,
1.0221

■ 0.0000, 0.0000,
0.0000

■ 39.7326, 53.8628,
79.5366

■ 39.7326, 53.8628,
79.5366

■ 37.9061, 52.2217,
79.3171

■ 42.1786, 55.8339,
79.7891

■ 36.6229, 50.8677,
79.1234


■ 45.2996, 58.1601,
80.0736

■ 35.7797, 49.7488,
78.9519


■ 49.1504, 60.8709,
80.3939


■ 35.6644, 49.5835,
78.9260


■ 53.7790, 63.9910,
80.7522

 59.2292, 67.5431,
81.1506

 65.5414, 71.5480,
81.5909

 72.7535, 76.0253,
82.0750

 80.9011, 80.9933,
82.6045

 82.8767, 82.7881,
82.8468

Harmonies

Analogous

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



38.3831, 53.8628, 57.1299



39.7326, 53.8628, 79.5366



44.0618, 53.8628, 99.7917

Triad

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



39.7326, 53.8628, 79.5366



64.0510, 53.8628, 82.8297



51.7314, 53.8628, 26.8938

Complementary

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



39.7326, 53.8628, 79.5366



35.3603, 22.8046, 8.5008

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.



59.0592, 53.8628, 30.7257



39.7326, 53.8628, 79.5366



66.5810, 53.8628, 60.1916

Square

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



39.7326, 53.8628, 79.5366



58.0467, 53.8628, 101.9895



64.6736, 53.8628, 41.7790



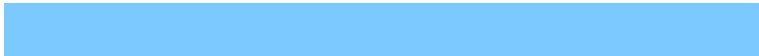
44.9048, 53.8628, 29.7416

Rectangle

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



39.7326, 53.8628, 79.5366



48.2841, 53.8628, 107.5116



64.6736, 53.8628, 41.7790



54.2205, 53.8628, 27.4190

Sweetspot

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



39.7343, 53.8648, 79.5379



76.5935, 88.3698, 107.6279



31.1188, 55.8287, 17.4909



15.9575, 18.6309, 23.0050



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.



39.7343, 53.8648, 79.5379



49.5579, 68.5699, 105.2311



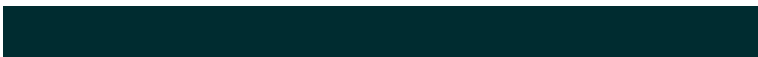
24.8781, 24.1524, 74.5858



14.0124, 15.3640, 17.6147



20.5936, 28.6567, 45.4943



1.4570, 2.0455, 3.1633

Inverse Universe

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



45.1897, 25.2690, 64.7851



57.5504, 29.3411, 83.0195



44.9060, 41.8960, 11.6827



14.2425, 13.9146, 17.0472



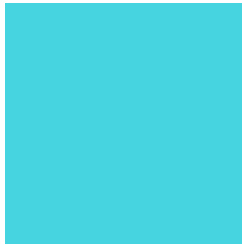
24.3349, 11.8010, 34.7589



1.7017, 0.8239, 2.4879

Previews

White Background



This preview shows how the XYZ color 39.7326, 53.8628, 79.5366 looks on a white background.

Color Contrast Check

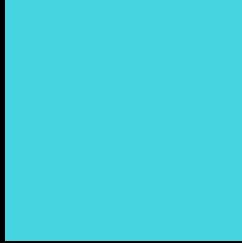
Large Text (above 18pt) WCAG AA × Fail

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 39.7326, 53.8628, 79.5366 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 39.7326, 53.8628, 79.5366

Background



This preview shows how black text looks on a background with the XYZ color 39.7326, 53.8628, 79.5366.



This preview shows how white text looks on a background with the XYZ color 39.7326, 53.8628,

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

39.7326, 53.8628, 79.5366

Protanopia

51.7497, 52.9622, 69.7826

Deuteranopia

54.0044, 52.8861, 82.2246



Tritanopia

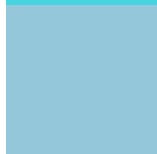
40.1848, 53.6621, 82.3686

Trichromacy



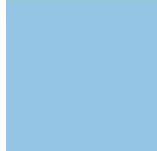
Original Color

39.7326, 53.8628, 79.5366



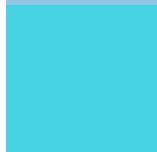
Protanomaly

44.9804, 52.0596, 73.3234



Deuteranomaly

46.1826, 51.8298, 80.9689



Tritanomaly

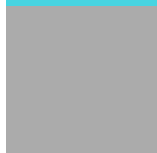
39.9703, 53.5677, 81.6317

Monochromacy



Original Color

39.7326, 53.8628, 79.5366



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

36.9545, 44.0303, 55.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7326, 53.8628, 79.5366 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(71, 212, 225)` looks like.

```
.text, #text, p{  
    color:rgb(71, 212, 225)  
}
```

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(71, 212, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 212, 225) }
```

Border

The CSS property to change the border of an element to XYZ 39.7326, 53.8628, 79.5366 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(71, 212, 225) }
```


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

```
.border{ border-color:rgb(71, 212, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 212, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 212, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 212, 225);  
box-shadow:4px 4px 4px 4px rgb(71, 212,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7326, 53.8628, 79.5366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 212, 225) }
```

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

```
.background{ background-color: rgb(71, 212,  
225) }
```

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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