

Converting Colors

XYZ(39.7425, 53.6715, 69.8223)

Have a look what the booklet for
XYZ(39.7425, 53.6715, 69.8223)
contains.

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Color

**XYZ(39.7715, 53.7246,
69.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	5FD3D3
RGB	95, 211, 211
RGB Percent	37%, 83%, 83%
CMY	0.6274, 0.1725, 0.1725
CMYK	0.55, 0.00, 0.00, 0.17
HSL	180°, 57%, 60%
HSV	180°, 55%, 83%
XYZ	39.7715, 53.7246, 69.9017
YIQ	176.3160, -69.1360, -24.5920

Conversions

Conversions Part 2

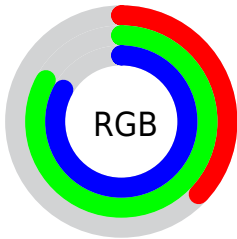
Format	Color
RYB	95, 153, 211
Decimal	6280147
CIELab	78.30, -32.49, -9.95
CIElCh	78, 33.978, 197.020
Yxy	53.7246, 0.2434, 0.3288
Android (android.graphics.Color)	4284470227 (0xFF5FD3D3)
YUV	176.3160, 17.0992, -71.3141
Hunter-Lab	73.2971, -31.4145, -5.2355

Details

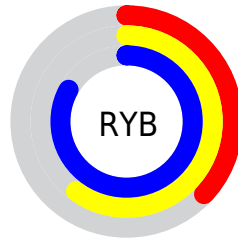
The XYZ color **39.7715, 53.7246, 69.9017** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **33.0236, 22.8613, 13.5005**, and the grayscale version is **41.3727, 43.5273, 47.4012**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **18.1713, 26.3128, 36.0194** is the 20% darker color. If you saturate the color by 10%, you get **37.8699, 52.7455, 69.8137**, and if you desaturate by 10%, it is **42.2698, 55.0138, 70.0200**.

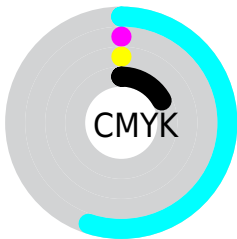
Distribution



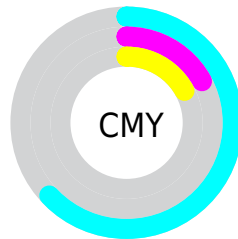
- Red (37%)
- Green (83%)
- Blue (83%)



- Red (37%)
- Yellow (60%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7715, 53.7246, 69.9017 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 39.7715, 53.7246, 69.9017 by changing the saturation by 10% instead.

39.7715, 53.7246,
69.9017

39.7715, 53.7246,
69.9017

336.3105,
401.0590, 478.9846

27.5438, 38.3815,
50.9701

74.1020, 95.6698,
120.7484

18.1208, 26.2789,
35.8082

96.9355, 123.0406,
153.5005

11.1370, 17.0324,
23.9976

124.0351,
155.1896, 191.6966

6.2270, 10.2576,
15.1197

155.7660,
192.5010, 235.7551

3.0256, 5.5701,
8.7559

192.4937,
235.3592, 286.0946

1.1673, 2.5855,
4.4877

234.5834,

0.0803, 0.9194,

284.1487, 343.1337

1.8965

282.4006,
339.2538, 407.2908

■ 0.0000, 0.0000,
0.4905

■ 0.0000, 0.0000,
0.0000

■ 39.7715, 53.7246,
69.9017

■ 39.7715, 53.7246,
69.9017

■ 37.8699, 52.7455,
69.8137

■ 42.2698, 55.0138,
70.0200

■ 36.5111, 52.0450,
69.7498


■ 45.4037, 56.6293,
70.1669


■ 35.6396, 51.5958,
69.7088


■ 49.2143, 58.5938,
70.3455


■ 35.1858, 51.3618,
69.6874


■ 53.7381, 60.9258,
70.5575


 35.0530, 51.2934,
69.6810

 59.0087, 63.6429,
70.8044

 65.0577, 66.7613,
71.0877

 71.9151, 70.2964,
71.4088

 76.2935, 72.5536,
71.6140

 76.2936, 72.5536,
71.6142

Harmonies

Analogous

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



39.5740, 53.7246, 50.6400



39.7715, 53.7246, 69.9017



42.8215, 53.7246, 89.6387

Triad

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



39.7715, 53.7246, 69.9017



61.0167, 53.7246, 87.2309



53.9943, 53.7246, 29.5433

Complementary

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



39.7715, 53.7246, 69.9017



33.0236, 22.8613, 13.5005

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.



60.3008, 53.7246, 35.5594



39.7715, 53.7246, 69.9017



64.5861, 53.7246, 67.1272

Square

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



39.7715, 53.7246, 69.9017



54.9043, 53.7246, 101.0395



64.3132, 53.7246, 48.4055



47.4063, 53.7246, 29.9697

Rectangle

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



39.7715, 53.7246, 69.9017



46.2255, 53.7246, 99.1735



64.3132, 53.7246, 48.4055



56.2280, 53.7246, 30.8125

Sweetspot

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



39.7731, 53.7267, 69.9030



81.5999, 93.0662, 108.2700



30.2843, 49.9546, 18.8740



17.1426, 19.7534, 23.1591



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.



39.7731, 53.7267, 69.9030



57.7121, 80.7516, 107.1502



28.1893, 30.5586, 66.0429



12.1584, 13.4071, 15.1906



21.1537, 30.9544, 42.0510



1.1828, 1.7308, 2.3512

Inverse Universe

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



33.0236, 22.8613, 13.5005



46.3321, 28.7112, 12.0531



40.0089, 36.8319, 15.8285



11.8088, 11.8083, 12.2689



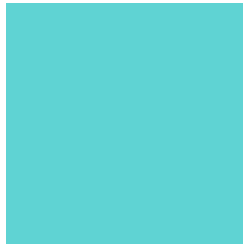
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0424

Previews

White Background



This preview shows how the XYZ color 39.7715, 53.7246, 69.9017 looks on a white background.

Color Contrast Check

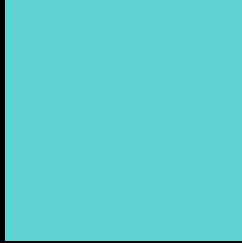
Large Text (above 18pt) WCAG AA × Fail

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 39.7715, 53.7246, 69.9017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

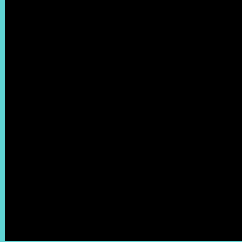
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7715, 53.7246, 69.9017

Background



This preview shows how black text looks on a background with the XYZ color 39.7715, 53.7246, 69.9017.



This preview shows how white text looks on a background with the XYZ color 39.7715, 53.7246,

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

39.7715, 53.7246, 69.9017

Protanopia

51.1877, 52.8545, 61.5369

Deuteranopia

53.9844, 52.7779, 72.3076



Tritanopia

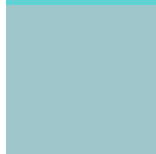
41.8948, 53.8586, 80.1392

Trichromacy



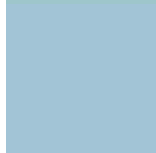
Original Color

39.7715, 53.7246, 69.9017



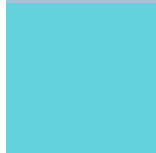
Protanomaly

45.0741, 51.9691, 64.1553



Deuteranomaly

46.7778, 52.0163, 71.1930



Tritanomaly

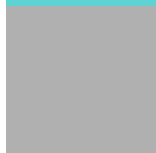
41.2433, 53.9663, 76.6494

Monochromacy



Original Color

39.7715, 53.7246, 69.9017



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.4155, 46.2724, 54.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7715, 53.7246, 69.9017 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(95, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 211, 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(95, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.7715, 53.7246, 69.9017 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(95, 211, 211) }
```


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

```
.border{ border-color:rgb(95, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7715, 53.7246, 69.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 211, 211) }
```

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

```
.background{ background-color: rgb(95, 211,  
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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