

Converting Colors

XYZ(39.4512, 53.4888, 9.5819)

Have a look what the booklet for
XYZ(39.4512, 53.4888, 9.5819)
contains.

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Color

**XYZ(39.3681, 53.3879,
9.5965)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCF20
RGB	171, 207, 32
RGB Percent	67%, 81%, 13%
CMY	0.3294, 0.1882, 0.8745
CMYK	0.17, 0.00, 0.85, 0.19
HSL	72°, 73%, 47%
HSV	72°, 85%, 81%
XYZ	39.3681, 53.3879, 9.5965
YIQ	176.2860, 34.7190, -62.0570

Conversions

Conversions Part 2

Format	Color
RYB	32, 207, 68
Decimal	11259680
CIELab	78.10, -32.91, 73.24
CIELCh	78, 80.295, 114.194
Yxy	53.3879, 0.3846, 0.5216
Android (android.graphics.Color)	4289449760 (0xFFABCF20)
YUV	176.2860, -71.1330, -4.6358
Hunter-Lab	73.0670, -31.6925, 43.3599

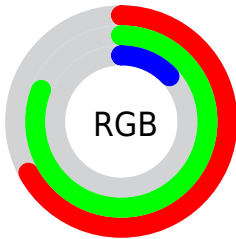
Details

The XYZ color **39.3681, 53.3879, 9.5965** is a dark color, and the websafe version is hex **99CC00**.

The color can be described as middle muted chartreuse. A complement of this color would be **14.1650, 6.7684, 59.5946**, and the grayscale version is **41.7652, 43.9403, 47.8510**.

A 20% lighter version of the original color is **70.5044, 89.1875, 24.5653**, and **18.3307, 26.3599, 4.1218** is the 20% darker color. If you saturate the color by 10%, you get **38.2577, 52.8402, 8.5089**, and if you desaturate by 10%, it is **40.6873, 54.0264, 11.6171**.

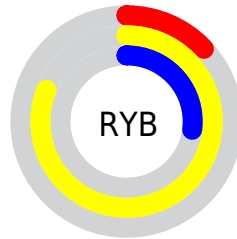
Distribution



Red (67%)

Green (81%)

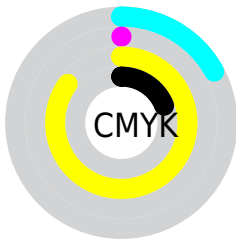
Blue (13%)



Red (13%)

Yellow (81%)

Blue (27%)

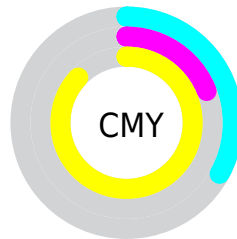


Cyan (17%)

Magenta (0%)

Yellow (85%)

Black (19%)



Cyan (33%)


Magenta (19%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3681, 53.3879, 9.5965 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 39.3681, 53.3879, 9.5965 by changing the saturation by 10% instead.


 39.3681, 53.3879,
9.5965


 39.3681, 53.3879,
9.5965


334.6332,
399.7716, 198.1465


 27.2282, 38.1125,
5.0302


 73.4908, 95.1749,
25.6296


 17.8822, 26.0700,
2.2059


 96.2043, 122.4553,
37.9334


 10.9646, 16.8760,
0.6778


 123.1731,
154.5062, 53.6535

 6.1102, 10.1461,
0.0000

 154.7625,
191.7120, 73.2084

 2.9535, 5.4960,
0.0000

 191.3378,
234.4570, 97.0165

 1.1292, 2.5411,
0.0000

 233.2645,

 0.0493, 0.8971,

283.1257, 125.4966

0.0000

280.9079,
338.1024, 159.0671

■ 0.0000, 0.0000,
0.0000

■ 39.3681, 53.3879,
9.5965

■ 39.3681, 53.3879,
9.5965

■ 38.2577, 52.8402,
8.5089

■ 40.6873, 54.0264,
11.6171

■ 37.7093, 52.5647,
8.1585

■ 42.2406, 54.7602,
14.7185

■ 44.0532, 55.6011,
19.0263

■ 46.1457, 56.5576,
24.6477

■ 48.5365, 57.6370,
31.6784

■ 51.2424, 58.8459,
40.2050

■ 54.2787, 60.1907,
50.3073

■ 57.6597, 61.6771,
62.0592

■ 61.3988, 63.3104,
75.5301

Harmonies

Analogous

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



53.8534, 53.3879, 7.6047



39.3681, 53.3879, 9.5965



30.0174, 53.3879, 20.8466

Triad

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



39.3681, 53.3879, 9.5965



35.0763, 53.3879, 159.9757



87.0164, 53.3879, 67.3051

Complementary

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



39.3681, 53.3879, 9.5965



14.1650, 6.7684, 59.5946

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.



79.3171, 53.3879, 124.6524



39.3681, 53.3879, 9.5965



47.7558, 53.3879, 193.2060

Square

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



39.3681, 53.3879, 9.5965



27.9201, 53.3879, 101.1599



64.1230, 53.3879, 177.7403



83.4942, 53.3879, 29.4487

Rectangle

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



39.3681, 53.3879, 9.5965



26.9200, 53.3879, 37.6491



64.1230, 53.3879, 177.7403



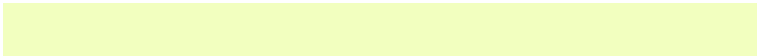
85.6131, 53.3879, 84.9491

Sweetspot

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



39.3693, 53.3903, 9.5976



81.7694, 94.1492, 63.2975



28.0021, 17.3859, 3.2472



17.1623, 20.0004, 12.4622



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.



39.3693, 53.3903, 9.5976



60.2615, 84.1510, 13.0666



26.2768, 46.6409, 8.9849



12.5553, 13.6697, 12.5888



23.8373, 33.1575, 5.1437



1.3944, 1.8857, 0.2905

Inverse Universe

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



14.1650, 6.7684, 59.5946



19.4904, 7.9625, 95.1174



25.2030, 12.4587, 60.1112



11.3877, 11.5332, 14.8696



7.7765, 3.1892, 37.3982



0.5018, 0.2129, 2.0942

Previews

White Background



This preview shows how the XYZ color 39.3681, 53.3879, 9.5965 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 39.3681, 53.3879, 9.5965 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 39.3681, 53.3879, 9.5965

Background



This preview shows how black text looks on a background with the XYZ color 39.3681, 53.3879, 9.5965.



This preview shows how white text looks on a background with the XYZ color 39.3681, 53.3879,

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

39.3681, 53.3879, 9.5965

Protanopia

47.8948, 52.9755, 8.7996

Deuteranopia

54.0645, 52.9495, 10.0601



Tritanopia

51.1942, 53.3854, 67.2807

Trichromacy



Original Color

39.3681, 53.3879, 9.5965

Protanomaly

44.2353, 52.7562, 9.0139

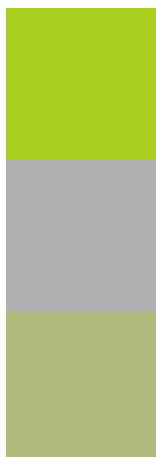
Deuteranomaly

47.5865, 52.4654, 9.8092

Tritanomaly

44.5195, 52.3469, 34.1431

Monochromacy



Original Color

39.3681, 53.3879, 9.5965

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

38.8640, 45.9946, 25.8983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3681, 53.3879, 9.5965 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(171, 207, 32)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 32)  
}
```

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(171, 207, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 32) }
```

Border

The CSS property to change the border of an element to XYZ 39.3681, 53.3879, 9.5965 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(171, 207, 32) }
```


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

```
.border{ border-color:rgb(171, 207, 32) }
```

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

Here you see how a box with a 4 pixel rgb(171, 207, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 32);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3681, 53.3879, 9.5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 32) }
```

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

```
.background{ background-color: rgb(171,  
207, 32) }
```

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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