

Converting Colors

XYZ(25.3094, 39.1865, 7.4109)

Have a look what the booklet for
XYZ(25.3094, 39.1865, 7.4109)
contains.

XYZ(25.2519, 39.0581, 7.3704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2519, 39.0581,
7.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	76BA1D
RGB	118, 186, 29
RGB Percent	46%, 73%, 11%
CMY	0.5373, 0.2706, 0.8862
CMYK	0.37, 0.00, 0.84, 0.27
HSL	86°, 73%, 42%
HSV	86°, 84%, 73%
XYZ	25.2519, 39.0581, 7.3704
YIQ	147.7700, 9.8690, -63.2430

Conversions

Conversions Part 2

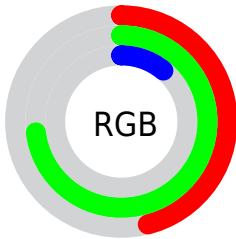
Format	Color
R _Y B	29, 186, 97
Decimal	7780893
CIE Lab	68.79, -44.06, 64.69
CIE LCh	69, 78.264, 124.258
Yxy	39.0581, 0.3523, 0.5449
Android (android.graphics.Color)	4285970973 (0xFF76BA1D)
YUV	147.7700, -58.5536, -26.1083
Hunter-Lab	62.4965, -37.2454, 36.7553

Details

The XYZ color **25.2519, 39.0581, 7.3704** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **14.2340, 6.9665, 47.0511**, and the grayscale version is **28.2871, 29.7602, 32.4088**.

A 20% lighter version of the original color is **51.5753, 73.9533, 21.2290**, and **10.1147, 17.4632, 2.8376** is the 20% darker color. If you saturate the color by 10%, you get **24.0401, 38.4537, 6.4542**, and if you desaturate by 10%, it is **26.6978, 39.7696, 9.0233**.

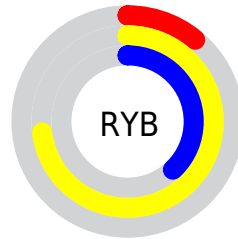
Distribution



Red (46%)

Green (73%)

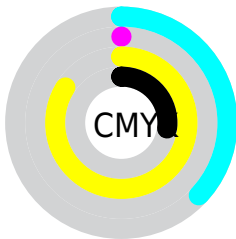
Blue (11%)



Red (11%)

Yellow (73%)

Blue (38%)

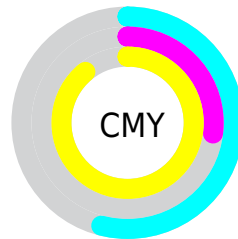


Cyan (37%)

Magenta (0%)

Yellow (84%)

Black (27%)



Cyan (54%)

Magenta (27%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2519, 39.0581, 7.3704 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 25.2519, 39.0581, 7.3704 by changing the saturation by 10% instead.

■ 25.2519, 39.0581,
7.3704

■ 25.2519, 39.0581,
7.3704

271.4147,
342.1374, 180.4530

■ 16.3946, 26.8049,
3.6129

■ 51.5055, 73.7271,
21.2400

■ 9.8964, 17.4268,
1.4155

■ 69.6325, 96.9117,
32.1891

■ 5.3921, 10.5392,
0.1537

■ 91.5802, 124.5088,
46.3726

■ 2.5162, 5.7579,
0.0000

■ 117.7137,
156.9030, 64.2088

■ 0.9034, 2.6984,
0.0000

■ 148.3986,
194.4785, 86.1165

■ 0.0000, 0.9764,
0.0000

■ 184.0001,

■ 0.0000, 0.0000,

237.6199, 112.5140

0.0000

224.8837,
286.7114, 143.8200

■ 25.2519, 39.0581,
7.3704

■ 25.2519, 39.0581,
7.3704

■ 24.0401, 38.4537,
6.4542

■ 26.6978, 39.7696,
9.0233

■ 23.4366, 38.1492,
6.1283

■ 28.3989, 40.5930,
11.5250

■ 30.3765, 41.5383,
14.9713

■ 32.6481, 42.6127,
19.4443

■ 35.2298, 43.8229,
25.0174

■ 38.1361, 45.1750,
31.7572

■ 41.3805, 46.6745,
39.7250

■ 44.9758, 48.3269,
48.9777

■ 48.9339, 50.1370,
59.5688

Harmonies

Analogous

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



35.3807, 39.0581, 4.3074



25.2519, 39.0581, 7.3704



19.5189, 39.0581, 19.2263

Triad

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



25.2519, 39.0581, 7.3704



27.6992, 39.0581, 138.4854



66.3464, 39.0581, 37.6551

Complementary

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



25.2519, 39.0581, 7.3704



14.2340, 6.9665, 47.0511

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.



63.0153, 39.0581, 79.6231



25.2519, 39.0581, 7.3704



38.9227, 39.0581, 153.4726

Square

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



25.2519, 39.0581, 7.3704



20.6953, 39.0581, 93.7260



52.2317, 39.0581, 127.6397



60.5289, 39.0581, 14.5024

Rectangle

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



25.2519, 39.0581, 7.3704



18.0914, 39.0581, 36.0540



52.2317, 39.0581, 127.6397



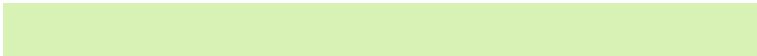
66.2672, 39.0581, 49.7332

Sweetspot

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



25.2528, 39.0598, 7.3712



68.5617, 81.6192, 56.2273



24.5130, 18.6092, 3.4629



14.6784, 17.7788, 11.3947



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.



25.2528, 39.0598, 7.3712



42.1952, 68.9984, 11.0941



18.7402, 35.7024, 7.0665



9.3644, 10.3045, 9.6023



15.8539, 25.7093, 4.1268



0.6284, 0.9422, 0.1487

Inverse Universe

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



14.2340, 6.9665, 47.0511



21.8824, 9.4250, 84.8673



26.5190, 13.2997, 47.6260



8.8802, 8.9046, 11.3302



8.3034, 3.5918, 31.5087



0.3639, 0.1633, 1.1141

Previews

White Background



This preview shows how the XYZ color 25.2519, 39.0581, 7.3704 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 25.2519, 39.0581, 7.3704 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 25.2519, 39.0581, 7.3704

Background



This preview shows how black text looks on a background with the XYZ color 25.2519, 39.0581, 7.3704.



This preview shows how white text looks on a background with the XYZ color 25.2519, 39.0581,

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

25.2519, 39.0581, 7.3704

Protanopia

34.7226, 38.3947, 6.4450

Deuteranopia

39.4501, 38.6874, 7.8708



Tritanopia

34.3944, 38.8783, 52.7052

Trichromacy



Original Color

25.2519, 39.0581, 7.3704

Protanomaly

30.4268, 38.1332, 6.7341

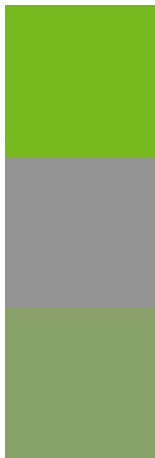
Deuteranomaly

32.6856, 37.8695, 7.5063

Tritanomaly

29.3097, 38.2778, 26.9627

Monochromacy



Original Color

25.2519, 39.0581, 7.3704

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

25.7867, 32.1789, 18.2167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2519, 39.0581, 7.3704 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(118, 186, 29)` looks like.

```
.text, #text, p{  
    color:rgb(118, 186, 29)  
}
```

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(118, 186, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 186, 29) }
```

Border

The CSS property to change the border of an element to XYZ 25.2519, 39.0581, 7.3704 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(118, 186, 29) }
```


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

```
.border{ border-color:rgb(118, 186, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 186, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 186, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 186, 29);  
box-shadow:4px 4px 4px 4px rgb(118, 186,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2519, 39.0581, 7.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 186, 29) }
```

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

```
.background{ background-color: rgb(118,  
186, 29) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor