

Converting Colors

XYZ(23.5126, 39.7583, 7.4127)

Have a look what the booklet for
XYZ(23.5126, 39.7583, 7.4127)
contains.

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Color

**XYZ(23.5366, 39.7691,
7.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	5FBF1A
RGB	95, 191, 26
RGB Percent	37%, 75%, 10%
CMY	0.6275, 0.2510, 0.8980
CMYK	0.50, 0.00, 0.86, 0.25
HSL	95°, 76%, 43%
HSV	95°, 86%, 75%
XYZ	23.5366, 39.7691, 7.4130
YIQ	143.4860, -4.2510, -71.6670

Conversions

Conversions Part 2

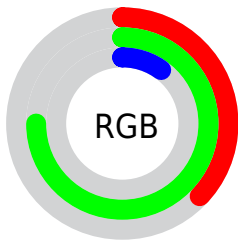
Format	Color
R_{YB}	26, 191, 122
Decimal	6274842
CIE _{Lab}	69.30, -53.71, 65.41
CIE _{LCh}	69, 84.637, 129.390
Yxy	39.7691, 0.3328, 0.5624
Android (android.graphics.Color)	4284464922 (0xFF5FBF1A)
YUV	143.4860, -57.9206, -42.5222
Hunter-Lab	63.0627, -43.7391, 37.1744

Details

The XYZ color **23.5366, 39.7691, 7.4130** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **17.8021, 8.6396, 50.0218**, and the grayscale version is **26.5304, 27.9121, 30.3962**.

A 20% lighter version of the original color is **48.6970, 74.7261, 21.3082**, and **9.3466, 18.0980, 3.0006** is the 20% darker color. If you saturate the color by 10%, you get **22.3155, 39.1580, 6.5805**, and if you desaturate by 10%, it is **25.0648, 40.5247, 8.9948**.

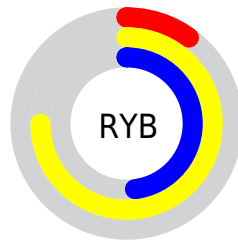
Distribution



Red (37%)

Green (75%)

Blue (10%)



Red (10%)

Yellow (75%)

Blue (48%)

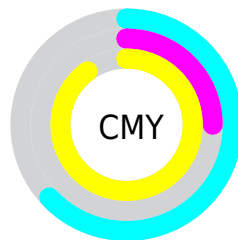


Cyan (50%)

Magenta (0%)

Yellow (86%)

Black (25%)



Cyan (63%)


Magenta (25%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.5366, 39.7691, 7.4130 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 23.5366, 39.7691, 7.4130 by changing the saturation by 10% instead.


 23.5366, 39.7691,
7.4130


 23.5366, 39.7691,
7.4130


262.9534,
345.1494, 180.8117


 15.1131, 27.3586,
3.6394


 48.7331, 74.8118,
21.3262


 8.9856, 17.8427,
1.4297


 66.2369, 98.2127,
32.3029

 4.7888, 10.8371,
0.1647


 87.4981, 126.0459,
46.5176

 2.1574, 5.9574,
0.0000

 112.8821,
158.6957, 64.3890

 0.7201, 2.8192,
0.0000

 142.7543,
196.5466, 86.3356

 0.0000, 1.0381,
0.0000

 177.4800,

 0.0000, 0.0000,

239.9829, 112.7759

0.0000

217.4246,
289.3890, 144.1284

■ 23.5366, 39.7691,
7.4130

■ 23.5366, 39.7691,
7.4130

■ 22.3155, 39.1580,
6.5805

■ 25.0648, 40.5247,
8.9948

■ 21.9285, 38.9629,
6.3648

■ 26.9298, 41.4336,
11.4602

■ 29.1586, 42.5084,
14.9150

■ 31.7741, 43.7590,
19.4494

■ 34.7970, 45.1945,
25.1438

■ 38.2466, 46.8231,
32.0705

■ 42.1404, 48.6524,
40.2961

■ 46.4953, 50.6897,
49.8826

■ 51.3268, 52.9419,
60.8877

Harmonies

Analogous

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



33.6985, 39.7691, 3.4971



23.5366, 39.7691, 7.4130



18.2533, 39.7691, 21.9581

Triad

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



23.5366, 39.7691, 7.4130



29.3356, 39.7691, 157.7283



69.8432, 39.7691, 32.2142

Complementary

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



23.5366, 39.7691, 7.4130



17.8021, 8.6396, 50.0218

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.



67.8732, 39.7691, 75.3060



23.5366, 39.7691, 7.4130



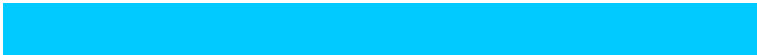
42.2201, 39.7691, 166.8539

Square

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



23.5366, 39.7691, 7.4130



21.0022, 39.7691, 110.1748



56.9014, 39.7691, 130.5796



61.7739, 39.7691, 11.0775

Rectangle

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



23.5366, 39.7691, 7.4130



17.2451, 39.7691, 42.5111



56.9014, 39.7691, 130.5796



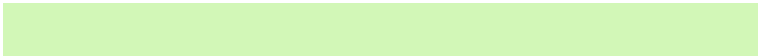
70.3690, 39.7691, 44.1022

Sweetspot

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



23.5375, 39.7708, 7.4139



68.4775, 83.8476, 57.3961



28.3307, 24.4661, 4.2071



14.5420, 18.1788, 11.5921



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



23.5375, 39.7708, 7.4139



39.0104, 69.6446, 11.3867



19.3920, 37.6167, 7.9898



9.7766, 10.8393, 10.1535



14.4979, 25.6498, 4.1868



0.6426, 1.0432, 0.1675

Inverse Universe

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



17.8021, 8.6396, 50.0218



28.3310, 12.6595, 89.2295



30.0951, 15.1116, 44.5129



9.5339, 9.4921, 12.0019



10.5931, 4.7470, 32.7508



0.4879, 0.2236, 1.2863

Previews

White Background



This preview shows how the XYZ color 23.5366, 39.7691, 7.4130 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 23.5366, 39.7691, 7.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

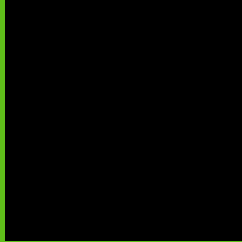
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.5366, 39.7691, 7.4130

Background



This preview shows how black text looks on a background with the XYZ color 23.5366, 39.7691, 7.4130.



This preview shows how white text looks on a background with the XYZ color 23.5366, 39.7691,

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

23.5366, 39.7691, 7.4130

Protanopia

35.5407, 39.3701, 6.3421

Deuteranopia

39.9279, 39.1878, 8.0443



Tritanopia

33.1806, 39.6396, 55.7716

Trichromacy



Original Color

23.5366, 39.7691, 7.4130



Protanomaly

29.3845, 38.4708, 6.6359



Deuteranomaly

31.2913, 37.7073, 7.5485



Tritanomaly

27.6539, 38.9124, 27.8831

Monochromacy



Original Color

23.5366, 39.7691, 7.4130



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

23.4752, 30.4973, 16.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5366, 39.7691, 7.4130 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, 191, 26)` looks like.

```
.text, #text, p{  
    color:rgb(95, 191, 26)  
}
```

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, 191, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 191, 26) }
```

Border

The CSS property to change the border of an element to XYZ 23.5366, 39.7691, 7.4130 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, 191, 26) }
```


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

```
.border{ border-color:rgb(95, 191, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 191, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 191, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 191, 26);  
box-shadow:4px 4px 4px 4px rgb(95, 191,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5366, 39.7691, 7.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 191, 26) }
```

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

```
.background{ background-color: rgb(95, 191,  
26) }
```

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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