

Converting Colors

XYZ(23.4422, 34.2468, 6.3520)

Have a look what the booklet for
XYZ(23.4422, 34.2468, 6.3520)
contains.

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Color

**XYZ(23.4422, 34.2468,
6.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	7CAD1A
RGB	124, 173, 26
RGB Percent	49%, 68%, 10%
CMY	0.5137, 0.3216, 0.8980
CMYK	0.28, 0.00, 0.85, 0.32
HSL	80°, 74%, 39%
HSV	80°, 85%, 68%
XYZ	23.4422, 34.2468, 6.3520
YIQ	141.5910, 17.9830, -56.1050

Conversions

Conversions Part 2

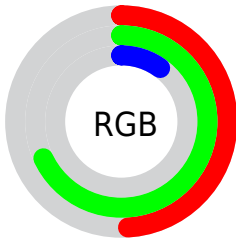
Format	Color
RYB	26, 173, 75
Decimal	8170778
CIELab	65.16, -36.26, 62.36
CIELCh	65, 72.134, 120.174
Yxy	34.2468, 0.3660, 0.5348
Android (android.graphics.Color)	4286360858 (0xFF7CAD1A)
YUV	141.5910, -56.9864, -15.4273
Hunter-Lab	58.5208, -30.9080, 34.5290

Details

The XYZ color **23.4422, 34.2468, 6.3520** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **10.8153, 5.2527, 39.9810**, and the grayscale version is **25.7635, 27.1052, 29.5175**.

A 20% lighter version of the original color is **48.7551, 66.5343, 19.0768**, and **9.1707, 14.6982, 2.3537** is the 20% darker color. If you saturate the color by 10%, you get **22.4948, 33.7756, 5.5838**, and if you desaturate by 10%, it is **24.5563, 34.7928, 7.7367**.

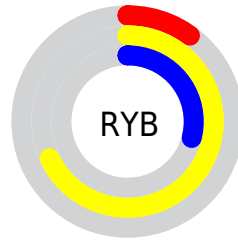
Distribution



Red (49%)

Green (68%)

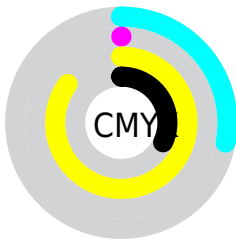
Blue (10%)



Red (10%)

Yellow (68%)

Blue (29%)

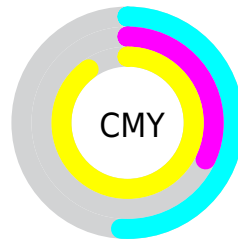


Cyan (28%)

Magenta (0%)

Yellow (85%)

Black (32%)



Cyan (51%)


Magenta (32%)


Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4422, 34.2468, 6.3520 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 23.4422, 34.2468, 6.3520 by changing the saturation by 10% instead.


 23.4422, 34.2468,
6.3520


 23.4422, 34.2468,
6.3520


262.4813,
321.2311, 171.5865


 15.0429, 23.0833,
2.9880


 48.5797, 66.3173,
19.1474


 8.9360, 14.6550,
1.0885


 66.0486, 87.9930,
29.4159


 4.7562, 8.5776,
0.0000


 87.2714, 113.9416,
42.8230

 2.1382, 4.4667,
0.0000

 112.6135,
144.5474, 59.7873

 0.7099, 1.9379,
0.0000

 142.4401,
180.1949, 80.7272

 0.0000, 0.5710,
0.0000

 177.1167,

 0.0000, 0.0000,

221.2684, 106.0613

0.0000

217.0087,
268.1524, 136.2083

■ 23.4422, 34.2468,
6.3520

■ 23.4422, 34.2468,
6.3520

■ 22.4948, 33.7756,
5.5838

■ 24.5563, 34.7928,
7.7367

■ 22.0580, 33.5559,
5.3144

■ 25.8540, 35.4167,
9.8332

■ 27.3521, 36.1266,
12.7221

■ 29.0645, 36.9281,
16.4724

■ 31.0035, 37.8263,
21.1455

■ 33.1806, 38.8258,
26.7976

■ 35.6061, 39.9308,
33.4799

■ 38.2900, 41.1454,
41.2405

■ 41.2414, 42.4733,
50.1241

Harmonies

Analogous

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



32.4893, 34.2468, 4.2407



23.4422, 34.2468, 6.3520



18.0202, 34.2468, 15.3322

Triad

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



23.4422, 34.2468, 6.3520



23.5276, 34.2468, 113.0293



57.1242, 34.2468, 37.1137

Complementary

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



23.4422, 34.2468, 6.3520



10.8153, 5.2527, 39.9810

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.



53.3310, 34.2468, 73.9536



23.4422, 34.2468, 6.3520



32.6119, 34.2468, 129.7942

Square

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



23.4422, 34.2468, 6.3520



18.0616, 34.2468, 74.4345



43.7569, 34.2468, 112.6621



53.2459, 34.2468, 15.1648

Rectangle

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



23.4422, 34.2468, 6.3520



16.4680, 34.2468, 28.2881



43.7569, 34.2468, 112.6621



56.6957, 34.2468, 48.0213

Sweetspot

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



23.4430, 34.2483, 6.3527



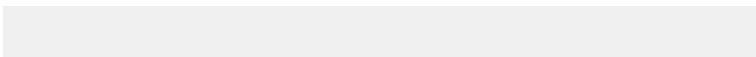
59.2290, 69.4435, 47.4747



19.9375, 13.9923, 2.6277



12.5753, 14.9558, 9.5336



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.4430, 34.2483, 6.3527



39.2659, 59.9719, 9.5062



16.4714, 30.6543, 6.0265



8.3993, 9.1944, 8.5454



16.2665, 24.6827, 3.9069



0.5073, 0.7149, 0.1113

Inverse Universe

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



10.8153, 5.2527, 39.9810



16.3956, 6.8917, 71.2719



20.2170, 10.0995, 40.4210



7.8211, 7.8821, 10.0619



6.8644, 2.8986, 29.2422



0.2499, 0.1110, 0.8162

Previews

White Background



This preview shows how the XYZ color 23.4422, 34.2468, 6.3520 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 23.4422, 34.2468, 6.3520 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 23.4422, 34.2468, 6.3520

Background



This preview shows how black text looks on a background with the XYZ color 23.4422, 34.2468, 6.3520.



This preview shows how white text looks on a background with the XYZ color 23.4422, 34.2468,

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

23.4422, 34.2468, 6.3520

Protanopia

30.7223, 33.9728, 5.6476

Deuteranopia

34.5953, 33.9786, 6.8330



Tritanopia

31.2001, 34.1212, 44.9860

Trichromacy



Original Color

23.4422, 34.2468, 6.3520

Protanomaly

27.3524, 33.5253, 5.8400

Deuteranomaly

29.3399, 33.2390, 6.5385

Tritanomaly

26.6768, 33.3347, 22.7975

Monochromacy



Original Color

23.4422, 34.2468, 6.3520

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

23.6832, 28.8535, 16.3776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4422, 34.2468, 6.3520 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(124, 173, 26)` looks like.

```
.text, #text, p{  
    color:rgb(124, 173, 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(124, 173, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 173, 26) }
```

Border

The CSS property to change the border of an element to XYZ 23.4422, 34.2468, 6.3520 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(124, 173, 26) }
```


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

```
.border{ border-color:rgb(124, 173, 26) }
```

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

Here you see how a box with a 4 pixel rgb(124, 173, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 173, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 173, 26);  
box-shadow:4px 4px 4px 4px rgb(124, 173,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4422, 34.2468, 6.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 173, 26) }
```

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

```
.background{ background-color: rgb(124,  
173, 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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