

Converting Colors

XYZ(22.3521, 22.0184, 3.9360)

Have a look what the booklet for
XYZ(22.3521, 22.0184, 3.9360)
contains.

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Color

**XYZ(22.3521, 22.0184,
3.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	A37B18
RGB	163, 123, 24
RGB Percent	64%, 48%, 9%
CMY	0.3608, 0.5176, 0.9059
CMYK	0.00, 0.25, 0.85, 0.36
HSL	43°, 74%, 37%
HSV	43°, 85%, 64%
XYZ	22.3521, 22.0184, 3.9360
YIQ	123.6740, 55.6190, -22.3090

Conversions

Conversions Part 2

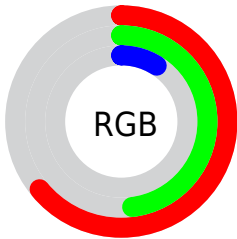
Format	Color
R_{YB}	80, 163, 24
Decimal	10713880
CIE _{Lab}	54.05, 6.70, 54.64
CIE _{LCh}	54, 55.050, 83.010
Yxy	22.0184, 0.4627, 0.4558
Android (android.graphics.Color)	4288903960 (0xFFA37B18)
YUV	123.6740, -49.1393, 34.4889
Hunter-Lab	46.9238, 2.9117, 27.8733

Details

The XYZ color **22.3521, 22.0184, 3.9360** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.8209, 6.5052, 35.4408**, and the grayscale version is **19.1956, 20.1952, 21.9926**.

A 20% lighter version of the original color is **46.8293, 46.7396, 13.7612**, and **8.5795, 8.1580, 1.1225** is the 20% darker color. If you saturate the color by 10%, you get **21.6619, 20.8344, 3.1010**, and if you desaturate by 10%, it is **23.1718, 23.3006, 5.3108**.

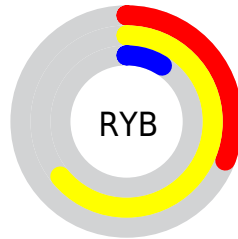
Distribution



Red (64%)

Green (48%)

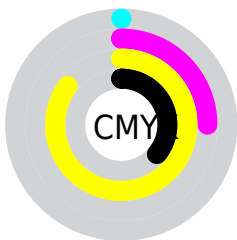
Blue (9%)



Red (31%)

Yellow (64%)

Blue (9%)

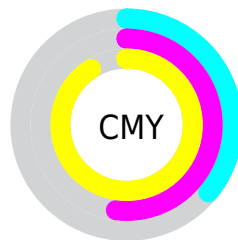


Cyan (0%)

Magenta (25%)

Yellow (85%)

Black (36%)



Cyan (36%)

Magenta (52%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3521, 22.0184, 3.9360 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 22.3521, 22.0184, 3.9360 by changing the saturation by 10% instead.

■ 22.3521, 22.0184,
3.9360

■ 22.3521, 22.0184,
3.9360

256.9775,
262.6423, 147.5113

■ 14.2339, 13.8704,
1.5903

■ 46.8018, 46.7764,
13.8619

■ 8.3663, 8.0306,
0.2839

■ 63.8640, 64.1552,
22.2792

■ 4.3840, 4.1145,
0.0000

■ 84.6382, 85.3798,
33.5574

■ 1.9216, 1.7378,
0.0000

■ 109.4899,
110.8345, 48.1150

■ 0.5893, 0.4480,
0.0000

■ 138.7842,
140.9037, 66.3707

■ 0.0000, 0.0000,
0.0000

■ 172.8867,

175.9718, 88.7430

212.1627,
216.4232, 115.6503

22.3521, 22.0184,
3.9360

22.3521, 22.0184,
3.9360

21.6619, 20.8344,
3.1010

23.1718, 23.3006,
5.3108

21.3608, 20.2998,
2.7924

24.1364, 24.6851,
7.3118

25.2599, 26.1789,
10.0083

26.5540, 27.7874,
13.4600

28.0292, 29.5153,
17.7204

■ 29.6949, 31.3669,
22.8378

■ 31.5600, 33.3463,
28.8571

■ 33.6327, 35.4574,
35.8195

■ 35.9207, 37.7038,
43.7642

Harmonies

Analogous

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



28.5986, 22.0184, 6.1652



22.3521, 22.0184, 3.9360



16.7646, 22.0184, 4.6884

Triad

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



22.3521, 22.0184, 3.9360



12.0607, 22.0184, 39.2081



31.4674, 22.0184, 49.6042

Complementary

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



22.3521, 22.0184, 3.9360



8.8209, 6.5052, 35.4408

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.



25.7289, 22.0184, 68.5810



22.3521, 22.0184, 3.9360



14.7682, 22.0184, 60.8510

Square

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



22.3521, 22.0184, 3.9360



11.4979, 22.0184, 20.2017



19.5654, 22.0184, 73.4573



34.4703, 22.0184, 28.1895

Rectangle

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



22.3521, 22.0184, 3.9360



14.0503, 22.0184, 7.1041



19.5654, 22.0184, 73.4573



29.7477, 22.0184, 56.8255

Sweetspot

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



22.3526, 22.0195, 3.9364



52.8025, 55.7633, 39.7093



16.4055, 8.8297, 5.9480



11.6334, 12.2758, 8.2171



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.3526, 22.0195, 3.9364



38.0769, 35.9977, 4.9414



23.2860, 31.4277, 5.7032



7.4764, 7.8912, 7.5092



16.6416, 15.8572, 2.1836



0.3870, 0.4077, 0.0583

Inverse Universe

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



8.8209, 6.5052, 35.4408



13.5030, 8.0627, 62.9007



8.3436, 4.0226, 34.9868



6.8588, 7.1766, 8.9268



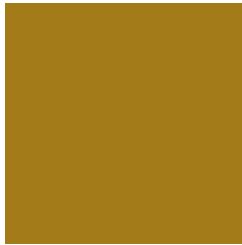
5.9596, 3.6986, 27.3296



0.1637, 0.1547, 0.5871

Previews

White Background



This preview shows how the XYZ color 22.3521, 22.0184, 3.9360 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3521, 22.0184, 3.9360 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 × Fail

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

XYZ 22.3521, 22.0184, 3.9360

Background



This preview shows how black text looks on a background with the XYZ color 22.3521, 22.0184, 3.9360.



This preview shows how white text looks on a background with the XYZ color 22.3521, 22.0184,

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

22.3521, 22.0184, 3.9360

Protanopia

20.0231, 22.1508, 4.1975

Deuteranopia

22.3521, 22.0184, 3.9360



Tritanopia

26.0681, 22.1265, 21.6358

Trichromacy



Original Color

22.3521, 22.0184, 3.9360

Protanomaly

20.7137, 21.9243, 4.0598

Deuteranomaly

22.3521, 22.0184, 3.9360

Tritanomaly

24.1351, 21.8605, 11.9643

Monochromacy



Original Color

22.3521, 22.0184, 3.9360

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4503, 20.5232, 12.1687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3521, 22.0184, 3.9360 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(163, 123, 24)` looks like.

```
.text, #text, p{  
    color:rgb(163, 123, 24)  
}
```

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(163, 123, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 123, 24) }
```

Border

The CSS property to change the border of an element to XYZ 22.3521, 22.0184, 3.9360 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(163, 123, 24) }
```


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

```
.border{ border-color:rgb(163, 123, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 123, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 123, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 123, 24);  
box-shadow:4px 4px 4px 4px rgb(163, 123,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3521, 22.0184, 3.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 123, 24) }
```

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

```
.background{ background-color: rgb(163,  
123, 24) }
```

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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