

Converting Colors

XYZ(15.1386, 22.4011, 5.0657)

Have a look what the booklet for
XYZ(15.1386, 22.4011, 5.0657)
contains.

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Color

**XYZ(15.1482, 22.3571,
5.0303)**

Conversions

Conversions Part 1

Format	Color
Hex	628F22
RGB	98, 143, 34
RGB Percent	38%, 56%, 13%
CMY	0.6157, 0.4392, 0.8667
CMYK	0.31, 0.00, 0.76, 0.44
HSL	85°, 62%, 35%
HSV	85°, 76%, 56%
XYZ	15.1482, 22.3571, 5.0303
YIQ	117.1190, 8.1690, -43.4390

Conversions

Conversions Part 2

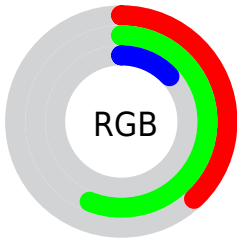
Format	Color
RYB	34, 143, 79
Decimal	6459170
CIELab	54.40, -32.38, 49.62
CIELCh	54, 59.250, 123.123
Yxy	22.3571, 0.3561, 0.5256
Android (android.graphics.Color)	4284649250 (0xFF628F22)
YUV	117.1190, -40.9777, -16.7674
Hunter-Lab	47.2833, -25.5595, 26.7907

Details

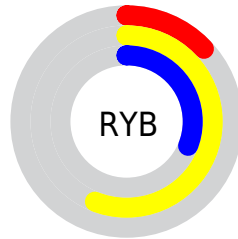
The XYZ color **15.1482, 22.3571, 5.0303** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8.7554, 4.7901, 26.4510**, and the grayscale version is **17.0674, 17.9562, 19.5543**.

A 20% lighter version of the original color is **34.6354, 47.2960, 16.3204**, and **4.9093, 8.2122, 1.3264** is the 20% darker color. If you saturate the color by 10%, you get **14.3698, 21.9756, 4.1324**, and if you desaturate by 10%, it is **16.0605, 22.7991, 6.3835**.

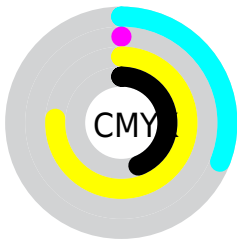
Distribution



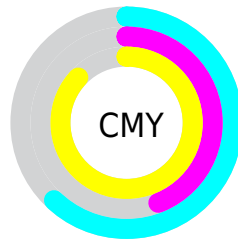
- Red (38%)
- Green (56%)
- Blue (13%)



- Red (13%)
- Yellow (56%)
- Blue (31%)



- Cyan (31%)
- Magenta (0%)
- Yellow (76%)
- Black (44%)





- Cyan (62%)
- Magenta (44%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1482, 22.3571, 5.0303 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 15.1482, 22.3571, 5.0303 by changing the saturation by 10% instead.


 15.1482, 22.3571,
5.0303


 15.1482, 22.3571,
5.0303


217.6321,
264.4055, 159.0684


 9.0105, 14.1195,
2.2060


 34.6825, 47.3355,
16.3237


 4.8052, 8.2038,
0.6778


 48.8097, 64.8451,
25.6300


 2.1670, 4.2257,
0.0000

 66.3309, 86.2142,
37.9339

 0.7252, 1.8006,
0.0000

 87.6112, 111.8272,
53.6541

 0.0000, 0.4875,
0.0000

 113.0162,
142.0684, 73.2091

 0.0000, 0.0000,
0.0000

 142.9111,

177.3222, 97.0175

177.6613,
217.9731, 125.4977

■ 15.1482, 22.3571,
5.0303

■ 15.1482, 22.3571,
5.0303

■ 14.3698, 21.9756,
4.1324

■ 16.0605, 22.7991,
6.3835

■ 13.7079, 21.6453,
3.6106

■ 17.1157, 23.3031,
8.2407

■ 13.4756, 21.5289,
3.4453

■ 18.3235, 23.8737,
10.6459

■ 19.6920, 24.5145,
13.6379

■ 21.2291, 25.2284,
17.2519

■ 22.9415, 26.0185,
21.5205

■ 24.8361, 26.8875,
26.4739

■ 26.9188, 27.8380,
32.1404

■ 29.1958, 28.8723,
38.5469

Harmonies

Analogous

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



20.5788, 22.3571, 3.2790



15.1482, 22.3571, 5.0303



11.9688, 22.3571, 11.5226

Triad

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



15.1482, 22.3571, 5.0303



16.1049, 22.3571, 71.9916



36.2584, 22.3571, 22.4522

Complementary

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



15.1482, 22.3571, 5.0303



8.7554, 4.7901, 26.4510

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.



34.3977, 22.3571, 44.2755



15.1482, 22.3571, 5.0303



21.9351, 22.3571, 80.1028

Square

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



15.1482, 22.3571, 5.0303



12.4373, 22.3571, 49.4791



28.8026, 22.3571, 68.0640



33.4713, 22.3571, 9.5979

Rectangle

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



15.1482, 22.3571, 5.0303



11.1331, 22.3571, 20.3195



28.8026, 22.3571, 68.0640



36.1570, 22.3571, 28.8656

Sweetspot

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



15.1487, 22.3581, 5.0308



38.8232, 45.5512, 32.8661



14.3134, 11.3481, 2.9497



8.6817, 10.3435, 6.9969



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.1487, 22.3581, 5.0308



24.9202, 38.9482, 6.7246



11.1897, 20.3171, 4.8455



5.6271, 6.1759, 5.7849



11.9385, 19.0471, 3.0472



0.1393, 0.1951, 0.0303

Inverse Universe

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



8.7554, 4.7901, 26.4510



12.9775, 5.9564, 47.0037



15.0622, 8.0414, 26.7462



5.3273, 5.3569, 6.7820



6.0035, 2.5885, 23.1603



0.0814, 0.0371, 0.2226

Previews

White Background



This preview shows how the XYZ color 15.1482, 22.3571, 5.0303 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 15.1482, 22.3571, 5.0303 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 15.1482, 22.3571, 5.0303

Background



This preview shows how black text looks on a background with the XYZ color 15.1482, 22.3571, 5.0303.



This preview shows how white text looks on a background with the XYZ color 15.1482, 22.3571,

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

15.1482, 22.3571, 5.0303

Protanopia

20.0840, 22.1752, 4.5180

Deuteranopia

22.4193, 22.0217, 5.3545



Tritanopia

20.1037, 22.2334, 29.6175

Trichromacy



Original Color

15.1482, 22.3571, 5.0303

Protanomaly

17.9779, 22.0994, 4.6846

Deuteranomaly

19.0131, 21.6074, 5.1760

Tritanomaly

17.5078, 22.0166, 16.4236

Monochromacy



Original Color

15.1482, 22.3571, 5.0303

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.6116, 18.9248, 11.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1482, 22.3571, 5.0303 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(98, 143, 34)` looks like.

```
.text, #text, p{  
    color:rgb(98, 143, 34)  
}
```

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(98, 143, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 143, 34) }
```

Border

The CSS property to change the border of an element to XYZ 15.1482, 22.3571, 5.0303 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(98, 143, 34) }
```


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

```
.border{ border-color:rgb(98, 143, 34) }
```

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

Here you see how a box with a 4 pixel rgb(98, 143, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 143, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 143, 34);  
box-shadow:4px 4px 4px 4px rgb(98, 143,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1482, 22.3571, 5.0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 143, 34) }
```

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

```
.background{ background-color: rgb(98, 143,  
34) }
```

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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