

Converting Colors

XYZ(15.5804, 22.5687, 3.5350)

Have a look what the booklet for
XYZ(15.5804, 22.5687, 3.5350)
contains.

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Color

**XYZ(15.6482, 22.6482,
3.5468)**

Conversions

Conversions Part 1

Format	Color
Hex	698F00
RGB	105, 143, 0
RGB Percent	41%, 56%, 0%
CMY	0.5882, 0.4392, 1.0000
CMYK	0.27, 0.00, 1.00, 0.44
HSL	76°, 100%, 28%
HSV	76°, 100%, 56%
XYZ	15.6482, 22.6482, 3.5468
YIQ	115.3360, 23.2550, -52.5290

Conversions

Conversions Part 2

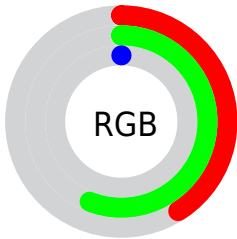
Format	Color
RYB	0, 143, 38
Decimal	6917888
CIELab	54.71, -30.74, 58.04
CIELCh	55, 65.674, 117.907
Yxy	22.6482, 0.3740, 0.5413
Android (android.graphics.Color)	4285107968 (0xFF698F00)
YUV	115.3360, -56.8606, -9.0647
Hunter-Lab	47.5901, -24.5898, 28.8943

Details

The XYZ color **15.6482, 22.6482, 3.5468** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.7582, 2.3959, 26.1469**, and the grayscale version is **16.5614, 17.4239, 18.9746**.

A 20% lighter version of the original color is **35.5376, 47.8358, 12.9904**, and **5.2433, 8.3844, 1.3420** is the 20% darker color. If you saturate the color by 10%, you get **15.6483, 22.6490, 3.5469**, and if you desaturate by 10%, it is **16.1865, 22.9171, 3.9970**.

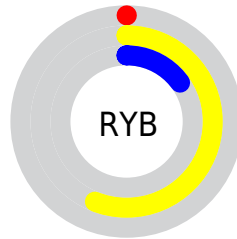
Distribution



Red (41%)

Green (56%)

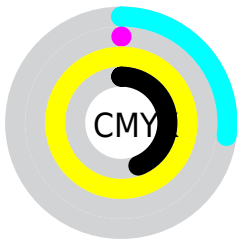
Blue (0%)



Red (0%)

Yellow (56%)

Blue (15%)

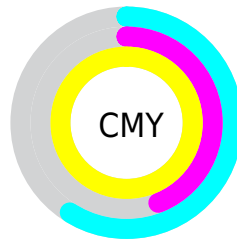


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (59%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6482, 22.6482, 3.5468 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 15.6482, 22.6482, 3.5468 by changing the saturation by 10% instead.

■ 15.6482, 22.6482,
3.5468

■ 15.6482, 22.6482,
3.5468

220.5682,
265.9129, 143.0464

■ 9.3648, 14.3340,
1.3802

■ 35.5488, 47.8150,
12.9503

■ 5.0389, 8.3533,
0.1262

■ 49.8967, 65.4364,
21.0242

■ 2.3051, 4.3218,
0.0000

■ 67.6635, 86.9289,
31.9043

■ 0.7973, 1.8552,
0.0000

■ 89.2145, 112.6770,
46.0091


■ 0.0000, 0.5212,
0.0000


■ 114.9152,
143.0651, 63.7572


■ 0.0000, 0.0000,
0.0000


■ 145.1307,


178.4775, 85.5671


 180.2266,
219.2986, 111.8573


 15.6482, 22.6482,
3.5468


 15.6482, 22.6482,
3.5468


 15.6483, 22.6490,
3.5469

 16.1865, 22.9171,
3.9970

 16.7988, 23.2170,
4.7333

 17.5134, 23.5603,
5.9016

 18.3406, 23.9510,
7.5551

 19.2895, 24.3928,
9.7395

■ 20.3678, 24.8888,
12.4952

■ 21.5827, 25.4419,
15.8587

■ 22.9408, 26.0548,
19.8634

■ 24.4483, 26.7300,
24.5403

Harmonies

Analogous

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



22.0387, 22.6482, 2.4263



15.6482, 22.6482, 3.5468



11.7585, 22.6482, 8.9680

Triad

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



15.6482, 22.6482, 3.5468



14.9472, 22.6482, 76.1765



38.6424, 22.6482, 26.1446

Complementary

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



15.6482, 22.6482, 3.5468



5.7582, 2.3959, 26.1469

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.



35.5987, 22.6482, 52.4728



15.6482, 22.6482, 3.5468



21.0221, 22.6482, 89.7752

Square

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



15.6482, 22.6482, 3.5468



11.4221, 22.6482, 48.4110



28.7184, 22.6482, 79.3061



36.3143, 22.6482, 10.3150

Rectangle

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



15.6482, 22.6482, 3.5468



10.5852, 22.6482, 17.2174



28.7184, 22.6482, 79.3061



38.2017, 22.6482, 33.9873

Sweetspot

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



15.6487, 22.6492, 3.5473



38.5020, 45.4935, 27.9784



11.9520, 7.0872, 0.7383



8.6354, 10.3446, 5.8699



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.



15.6487, 22.6492, 3.5473



27.8541, 40.4721, 6.3438



10.5422, 20.0167, 3.3083



5.7016, 6.2143, 5.7883



13.8558, 20.0355, 3.1370



0.1533, 0.2023, 0.0310

Inverse Universe

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



5.7582, 2.3959, 26.1469



10.1685, 4.2164, 46.8159



11.0525, 5.1252, 26.3947



5.2557, 5.3200, 6.7786



5.1085, 2.1271, 23.1184



0.0674, 0.0299, 0.2219

Previews

White Background



This preview shows how the XYZ color 15.6482, 22.6482, 3.5468 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 15.6482, 22.6482, 3.5468 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 15.6482, 22.6482, 3.5468

Background



This preview shows how black text looks on a background with the XYZ color 15.6482, 22.6482, 3.5468.



This preview shows how white text looks on a background with the XYZ color 15.6482, 22.6482,

3.5468.

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

15.6482, 22.6482, 3.5468

Protanopia

20.1489, 22.4356, 3.2686

Deuteranopia

22.9225, 22.4938, 4.1705



Tritanopia

20.8167, 22.6098, 29.2536

Trichromacy



Original Color

15.6482, 22.6482, 3.5468

Protanomaly

18.1797, 22.2335, 3.3333

Deuteranomaly

19.5452, 22.1127, 3.7684

Tritanomaly

17.6440, 22.1574, 13.2444

Monochromacy



Original Color

15.6482, 22.6482, 3.5468

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.0918, 18.5278, 9.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6482, 22.6482, 3.5468 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(105, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(105, 143, 0)  
}
```

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(105, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 143, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.6482, 22.6482, 3.5468 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(105, 143, 0) }
```


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

```
.border{ border-color:rgb(105, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(105, 143,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6482, 22.6482, 3.5468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 143, 0) }
```

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

```
.background{ background-color: rgb(105,  
143, 0) }
```

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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