

Converting Colors

XYZ(15.1594, 22.2064, 3.4873)

Have a look what the booklet for
XYZ(15.1594, 22.2064, 3.4873)
contains.

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Color

**XYZ(15.1525, 22.1708,
3.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	668E00
RGB	102, 142, 0
RGB Percent	40%, 56%, 0%
CMY	0.6000, 0.4431, 1.0000
CMYK	0.28, 0.00, 1.00, 0.44
HSL	77°, 100%, 28%
HSV	77°, 100%, 56%
XYZ	15.1525, 22.1708, 3.4808
YIQ	113.8520, 21.7420, -52.6420

Conversions

Conversions Part 2

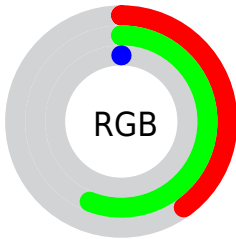
Format	Color
RYB	0, 142, 40
Decimal	6721024
CIELab	54.21, -31.51, 57.57
CIELCh	54, 65.630, 118.689
Yxy	22.1708, 0.3713, 0.5433
Android (android.graphics.Color)	4284911104 (0xFF668E00)
YUV	113.8520, -56.1290, -10.3942
Hunter-Lab	47.0859, -24.9580, 28.5771

Details

The XYZ color **15.1525, 22.1708, 3.4808** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.7585, 2.4048, 25.7532**, and the grayscale version is **16.1091, 16.9481, 18.4564**.

A 20% lighter version of the original color is **34.6879, 47.0653, 12.7251**, and **5.0077, 8.1351, 1.3063** is the 20% darker color. If you saturate the color by 10%, you get **15.1526, 22.1716, 3.4809**, and if you desaturate by 10%, it is **15.6981, 22.4435, 3.9277**.

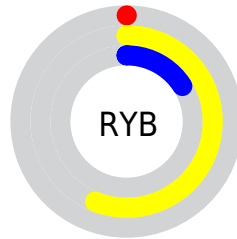
Distribution



Red (40%)

Green (56%)

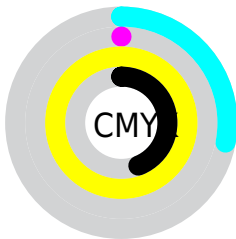
Blue (0%)



Red (0%)

Yellow (56%)

Blue (16%)

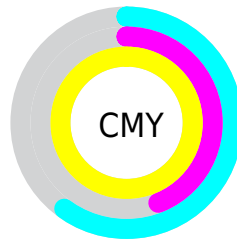


Cyan (28%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1525, 22.1708, 3.4808 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 15.1525, 22.1708, 3.4808 by changing the saturation by 10% instead.

■ 15.1525, 22.1708,
3.4808

■ 15.1525, 22.1708,
3.4808

217.6575,
263.4369, 142.2667

■ 9.0135, 13.9825,
1.3451

■ 34.6900, 47.0281,
12.7934

■ 4.8072, 8.1085,
0.0983

■ 48.8191, 64.4659,
20.8074

■ 2.1682, 4.1644,
0.0000

■ 66.3424, 85.7556,
31.6179

■ 0.7259, 1.7660,
0.0000

■ 87.6251, 111.2816,
45.6434


■ 0.0000, 0.4658,
0.0000


■ 113.0326,
141.4284, 63.3025


■ 0.0000, 0.0000,
0.0000


■ 142.9303,


176.5803, 85.0138


 177.6835,
217.1217, 111.1956


 15.1525, 22.1708,
3.4808


 15.1525, 22.1708,
3.4808

 15.1526, 22.1716,
3.4809

 15.6981, 22.4435,
3.9277

 16.3186, 22.7479,
4.6554

 17.0421, 23.0961,
5.8082

 17.8789, 23.4923,
7.4386

 18.8377, 23.9399,
9.5915

■ 19.9265, 24.4422,
12.3065

■ 21.1521, 25.0020,
15.6195

■ 22.5212, 25.6219,
19.5633

■ 24.0398, 26.3044,
24.1684

Harmonies

Analogous

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



21.3880, 22.1708, 2.3186



15.1525, 22.1708, 3.4808



11.3956, 22.1708, 8.9443

Triad

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



15.1525, 22.1708, 3.4808



14.7206, 22.1708, 75.6250



37.9658, 22.1708, 25.0499

Complementary

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



15.1525, 22.1708, 3.4808



5.7585, 2.4048, 25.7532

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.



35.0904, 22.1708, 50.8351



15.1525, 22.1708, 3.4808



20.7605, 22.1708, 88.5167

Square

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



15.1525, 22.1708, 3.4808



11.1886, 22.1708, 48.3211



28.3633, 22.1708, 77.5649



35.5330, 22.1708, 9.7713

Rectangle

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



15.1525, 22.1708, 3.4808



10.2851, 22.1708, 17.2289



28.3633, 22.1708, 77.5649



37.5782, 22.1708, 32.6895

Sweetspot

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



15.1530, 22.1718, 3.4813



37.1541, 44.0211, 27.1407



11.8451, 7.1294, 0.7521



8.1152, 9.7487, 5.5580



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.1530, 22.1718, 3.4813



26.5535, 39.0104, 6.1302



10.3054, 19.6727, 3.2544



5.6935, 6.2101, 5.7880



13.6225, 19.9153, 3.1260



0.1518, 0.2015, 0.0309

Inverse Universe

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



5.7585, 2.4048, 25.7532



10.0120, 4.1668, 45.4044



11.1738, 5.1964, 26.0066



5.2634, 5.3240, 6.7790



5.1859, 2.1670, 23.1220



0.0689, 0.0307, 0.2220

Previews

White Background



This preview shows how the XYZ color 15.1525, 22.1708, 3.4808 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 15.1525, 22.1708, 3.4808 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 15.1525, 22.1708, 3.4808

Background



This preview shows how black text looks on a background with the XYZ color 15.1525, 22.1708, 3.4808.



This preview shows how white text looks on a background with the XYZ color 15.1525, 22.1708,

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

15.1525, 22.1708, 3.4808

Protanopia

19.8367, 22.0763, 3.2156

Deuteranopia

22.3850, 22.0316, 4.1096



Tritanopia

20.2040, 22.1004, 28.7921

Trichromacy



Original Color

15.1525, 22.1708, 3.4808

Protanomaly

17.7310, 21.7960, 3.2725

Deuteranomaly

19.0683, 21.6685, 3.7077

Tritanomaly

17.0800, 21.6615, 12.9537

Monochromacy



Original Color

15.1525, 22.1708, 3.4808

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.8407, 18.2113, 9.0363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1525, 22.1708, 3.4808 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(102, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 142, 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(102, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 142, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.1525, 22.1708, 3.4808 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(102, 142, 0) }
```


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

```
.border{ border-color:rgb(102, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 142,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1525, 22.1708, 3.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 142, 0) }
```

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

```
.background{ background-color: rgb(102,  
142, 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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