

Converting Colors

XYZ(15.9607, 28.6891, 7.0792)

Have a look what the booklet for
XYZ(15.9607, 28.6891, 7.0792)
contains.

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Color

**XYZ(15.9607, 28.6891,
7.0792)**

Conversions

Conversions Part 1

Format	Color
Hex	39A72C
RGB	57, 167, 44
RGB Percent	22%, 65%, 17%
CMY	0.7765, 0.3451, 0.8274
CMYK	0.66, 0.00, 0.74, 0.35
HSL	114°, 58%, 41%
HSV	114°, 74%, 65%
XYZ	15.9607, 28.6891, 7.0792
YIQ	120.0880, -26.0770, -61.5730

Conversions

Conversions Part 2

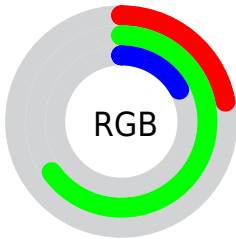
Format	Color
R_{YB}	44, 167, 154
Decimal	3778348
CIE Lab	60.51, -53.92, 51.49
CIE LCh	61, 74.551, 136.321
Yxy	28.6891, 0.3085, 0.5546
Android (android.graphics.Color)	4281968428 (0xFF39A72C)
YUV	120.0880, -37.5114, -55.3282
Hunter-Lab	53.5622, -40.5437, 29.6573

Details

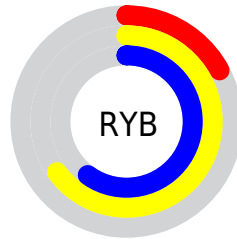
The XYZ color **15.9607, 28.6891, 7.0792** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **21.2038, 11.4625, 37.6556**, and the grayscale version is **18.0038, 18.9414, 20.6272**.

A 20% lighter version of the original color is **36.0635, 57.5087, 20.7548**, and **6.0173, 12.0346, 2.0058** is the 20% darker color. If you saturate the color by 10%, you get **14.9782, 28.2127, 5.7116**, and if you desaturate by 10%, it is **17.3214, 29.3476, 9.1250**.

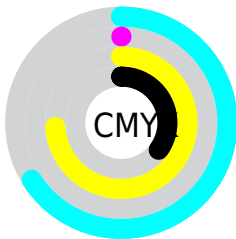
Distribution



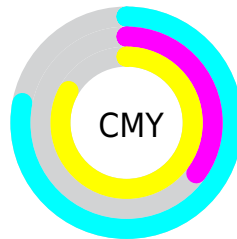
- Red (22%)
- Green (65%)
- Blue (17%)



- Red (17%)
- Yellow (65%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (74%)
- Black (35%)





- Cyan (78%)
- Magenta (35%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9607, 28.6891, 7.0792 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 15.9607, 28.6891, 7.0792 by changing the saturation by 10% instead.


 15.9607, 28.6891,
7.0792


 15.9607, 28.6891,
7.0792


222.3847,
295.7452, 177.9760


 9.5870, 18.8458,
3.4325


 36.0880, 57.5828,
20.6479


 5.1862, 11.5589,
1.3195


 50.5723, 77.4019,
31.4070


 2.3928, 6.4441,
0.0777


 68.4908, 101.3150,
45.3740

 0.8415, 3.1169,
0.0000

 90.2089, 129.7066,
62.9674

 0.0000, 1.1931,
0.0000

 116.0920,
162.9610, 84.6058

 0.0000, 0.0560,
0.0000

 146.5055,

 0.0000, 0.0000,

201.4627, 110.7076

0.0000

181.8145,
245.5959, 141.6915

■ 15.9607, 28.6891,
7.0792

■ 15.9607, 28.6891,
7.0792

■ 14.9782, 28.2127,
5.7116

■ 17.3214, 29.3476,
9.1250

■ 14.3328, 27.8966,
4.9339

■ 19.0917, 30.2002,
11.9194

■ 14.0622, 27.7637,
4.6178

■ 21.3021, 31.2622,
15.5259

■ 23.9795, 32.5461,
20.0011

■ 27.1488, 34.0638,
25.3961

■ 30.8328, 35.8260,
31.7583

■ 35.0532, 37.8429,
39.1319

■ 39.8304, 40.1240,
47.5582

■ 45.1836, 42.6786,
57.0763

Harmonies

Analogous

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



22.3941, 28.6891, 2.9931



15.9607, 28.6891, 7.0792



12.9571, 28.6891, 20.3122

Triad

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



15.9607, 28.6891, 7.0792



23.1245, 28.6891, 116.1333



49.1457, 28.6891, 18.5921

Complementary

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



15.9607, 28.6891, 7.0792



21.2038, 11.4625, 37.6556

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.



49.4734, 28.6891, 45.5108



15.9607, 28.6891, 7.0792



32.8025, 28.6891, 114.6226

Square

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



15.9607, 28.6891, 7.0792



16.3865, 28.6891, 87.3335



42.9492, 28.6891, 83.9500



42.1379, 28.6891, 6.4563

Rectangle

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



15.9607, 28.6891, 7.0792



12.7078, 28.6891, 37.4397



42.9492, 28.6891, 83.9500



50.0889, 28.6891, 25.7612

Sweetspot

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



15.9614, 28.6903, 7.0798



49.3947, 61.3745, 46.8112



27.7262, 31.0668, 6.9185



10.6986, 13.5646, 9.8667



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



15.9614, 28.6903, 7.0798



26.0692, 50.1562, 9.2850



16.7531, 28.9321, 14.6338



7.5076, 8.4443, 8.0235



10.7816, 21.2554, 3.5344



0.2843, 0.5285, 0.0870

Inverse Universe

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



21.2038, 11.4625, 37.6556



35.7817, 17.5518, 66.9772



20.2191, 11.3700, 18.8517



7.7627, 7.6258, 9.4811



14.8957, 7.0625, 28.5536



0.3839, 0.1829, 0.6957

Previews

White Background



This preview shows how the XYZ color 15.9607, 28.6891, 7.0792 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 15.9607, 28.6891, 7.0792 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 15.9607, 28.6891, 7.0792

Background



This preview shows how black text looks on a background with the XYZ color 15.9607, 28.6891, 7.0792.



This preview shows how white text looks on a background with the XYZ color 15.9607, 28.6891,

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

15.9607, 28.6891, 7.0792

Protanopia

25.5795, 28.1773, 5.9243

Deuteranopia

28.6005, 28.1561, 7.5417



Tritanopia

22.8868, 28.6303, 41.3657

Trichromacy



Original Color

15.9607, 28.6891, 7.0792



Protanomaly

20.0864, 27.2208, 6.2029



Deuteranomaly

21.3367, 26.8848, 7.1967



Tritanomaly

19.1264, 28.1082, 23.1562

Monochromacy



Original Color

15.9607, 28.6891, 7.0792



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

15.8072, 21.2054, 13.3851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9607, 28.6891, 7.0792 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(57, 167, 44)` looks like.

```
.text, #text, p{  
    color:rgb(57, 167, 44)  
}
```

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(57, 167, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 167, 44) }
```

Border

The CSS property to change the border of an element to XYZ 15.9607, 28.6891, 7.0792 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(57, 167, 44) }
```


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

```
.border{ border-color:rgb(57, 167, 44) }
```

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

Here you see how a box with a 4 pixel rgb(57, 167, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 167, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 167, 44);  
box-shadow:4px 4px 4px 4px rgb(57, 167,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9607, 28.6891, 7.0792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 167, 44) }
```

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

```
.background{ background-color: rgb(57, 167,  
44) }
```

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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