

Converting Colors

XYZ(15.2650, 27.8162, 5.7928)

Have a look what the booklet for
XYZ(15.2650, 27.8162, 5.7928)
contains.

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Color

**XYZ(15.2650, 27.8162,
5.7928)**

Conversions

Conversions Part 1

Format	Color
Hex	37A51E
RGB	55, 165, 30
RGB Percent	22%, 65%, 12%
CMY	0.7843, 0.3529, 0.8823
CMYK	0.67, 0.00, 0.82, 0.35
HSL	109°, 69%, 38%
HSV	109°, 82%, 65%
XYZ	15.2650, 27.8162, 5.7928
YIQ	116.7200, -22.2250, -65.3050

Conversions

Conversions Part 2

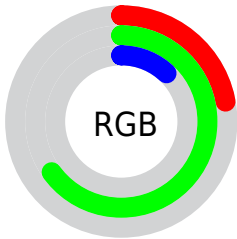
Format	Color
RYB	30, 165, 140
Decimal	3646750
CIELab	59.72, -54.61, 55.33
CIELCh	60, 77.741, 134.620
Yxy	27.8162, 0.3123, 0.5691
Android (android.graphics.Color)	4281836830 (0xFF37A51E)
YUV	116.7200, -42.7530, -54.1284
Hunter-Lab	52.7411, -40.6331, 30.4066

Details

The XYZ color **15.2650, 27.8162, 5.7928** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **18.0731, 9.2219, 36.4262**, and the grayscale version is **16.9555, 17.8386, 19.4262**.

A 20% lighter version of the original color is **34.9129, 56.1829, 18.0211**, and **5.7942, 11.5883, 1.9314** is the 20% darker color. If you saturate the color by 10%, you get **14.4684, 27.4247, 4.9290**, and if you desaturate by 10%, it is **16.3739, 28.3577, 7.2480**.

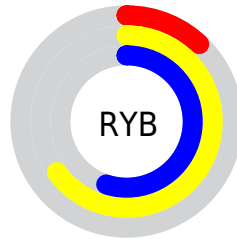
Distribution



Red (22%)

Green (65%)

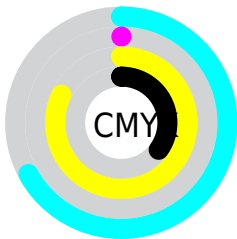
Blue (12%)



Red (12%)

Yellow (65%)

Blue (55%)

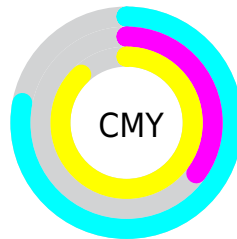


Cyan (67%)

Magenta (0%)

Yellow (82%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2650, 27.8162, 5.7928 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 15.2650, 27.8162, 5.7928 by changing the saturation by 10% instead.

■ 15.2650, 27.8162,
5.7928

■ 15.2650, 27.8162,
5.7928

218.3213,
291.5876, 166.4488

■ 9.0931, 18.1872,
2.6528

■ 34.8853, 56.1909,
17.9695

■ 4.8596, 11.0844,
0.9195

■ 49.0643, 75.7053,
27.8432

■ 2.1990, 6.1237,
0.0000

■ 66.6432, 99.2836,
40.7985

■ 0.7422, 2.9204,
0.0000

■ 87.9871, 127.3102,
57.2541

■ 0.0000, 1.0903,
0.0000

■ 113.4616,
160.1695, 77.6283

■ 0.0000, 0.0000,
0.0000

■ 143.4319,

198.2459, 102.3398

178.2633,
241.9238, 131.8071

■ 15.2650, 27.8162,
5.7928

■ 15.2650, 27.8162,
5.7928

■ 14.4684, 27.4247,
4.9290

■ 16.3739, 28.3577,
7.2480

■ 14.0073, 27.1957,
4.5110

■ 17.8233, 29.0593,
9.3733

■ 19.6398, 29.9342,
12.2371

■ 21.8472, 30.9934,
15.8990

■ 24.4669, 32.2467,
20.4126

■ 27.5189, 33.7034,
25.8267

■ 31.0217, 35.3721,
32.1865

■ 34.9930, 37.2608,
39.5342

■ 39.4492, 39.3773,
47.9093

Harmonies

Analogous

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



21.9509, 27.8162, 2.3056



15.2650, 27.8162, 5.7928



12.0862, 27.8162, 18.0845

Triad

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



15.2650, 27.8162, 5.7928



21.7379, 27.8162, 118.1380



49.2554, 27.8162, 18.5802

Complementary

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



15.2650, 27.8162, 5.7928



18.0731, 9.2219, 36.4262

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.



49.1573, 27.8162, 47.0220



15.2650, 27.8162, 5.7928



31.4994, 27.8162, 118.5985

Square

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



15.2650, 27.8162, 5.7928



15.1426, 27.8162, 86.4020



42.0521, 27.8162, 87.4261



42.2938, 27.8162, 5.9628

Rectangle

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



15.2650, 27.8162, 5.7928



11.7248, 27.8162, 34.8577



42.0521, 27.8162, 87.4261



50.0933, 27.8162, 26.1346

Sweetspot

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



15.2656, 27.8174, 5.7934



47.1992, 59.3644, 42.5274



24.8411, 26.2715, 4.9903



9.9235, 12.7896, 8.5968



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.



15.2656, 27.8174, 5.7934



25.1232, 48.7206, 8.2029



15.1128, 27.6361, 10.4161



7.1023, 7.9552, 7.5413



10.6286, 20.5897, 3.4140



0.2553, 0.4491, 0.0732

Inverse Universe

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



18.0731, 9.2219, 36.4262



29.9643, 14.1111, 64.8968



19.6522, 10.3965, 20.2073



7.2352, 7.1356, 8.8990



12.6689, 5.9376, 27.4081



0.2976, 0.1410, 0.5774

Previews

White Background



This preview shows how the XYZ color 15.2650, 27.8162, 5.7928 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 15.2650, 27.8162, 5.7928 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 15.2650, 27.8162, 5.7928

Background



This preview shows how black text looks on a background with the XYZ color 15.2650, 27.8162, 5.7928.



This preview shows how white text looks on a background with the XYZ color 15.2650, 27.8162,

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

15.2650, 27.8162, 5.7928

Protanopia

24.6853, 27.2879, 4.8302

Deuteranopia

27.8682, 27.3815, 6.2990



Tritanopia

22.1848, 27.7957, 40.2722

Trichromacy



Original Color

15.2650, 27.8162, 5.7928

Protanomaly

19.2791, 26.3454, 5.0463

Deuteranomaly

20.6482, 26.0890, 5.9549

Tritanomaly

18.2618, 27.1939, 21.1161

Monochromacy



Original Color

15.2650, 27.8162, 5.7928

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

14.7809, 20.0858, 11.6922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2650, 27.8162, 5.7928 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(55, 165, 30)` looks like.

```
.text, #text, p{  
    color:rgb(55, 165, 30)  
}
```

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(55, 165, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 165, 30) }
```

Border

The CSS property to change the border of an element to XYZ 15.2650, 27.8162, 5.7928 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(55, 165, 30) }
```


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

```
.border{ border-color:rgb(55, 165, 30) }
```

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

Here you see how a box with a 4 pixel rgb(55, 165, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 165, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 165, 30);  
box-shadow:4px 4px 4px 4px rgb(55, 165,  
30) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2650, 27.8162, 5.7928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 165, 30) }
```

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

```
.background{ background-color: rgb(55, 165,  
30) }
```

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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