

Converting Colors

XYZ(15.3618, 27.5227, 7.5586)

Have a look what the booklet for
XYZ(15.3618, 27.5227, 7.5586)
contains.

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Color

**XYZ(15.3725, 27.5655,
7.5281)**

Conversions

Conversions Part 1

Format	Color
Hex	36A432
RGB	54, 164, 50
RGB Percent	21%, 64%, 20%
CMY	0.7882, 0.3569, 0.8039
CMYK	0.67, 0.00, 0.70, 0.36
HSL	118°, 53%, 42%
HSV	118°, 70%, 64%
XYZ	15.3725, 27.5655, 7.5281
YIQ	118.1140, -28.9660, -58.7740

Conversions

Conversions Part 2

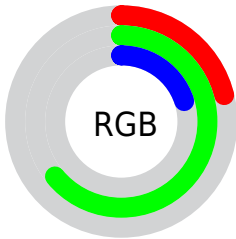
Format	Color
RYB	50, 164, 160
Decimal	3580978
CIELab	59.49, -52.99, 48.08
CIELCh	59, 71.546, 137.782
Yxy	27.5655, 0.3046, 0.5462
Android (android.graphics.Color)	4281771058 (0xFF36A432)
YUV	118.1140, -33.5802, -56.2280
Hunter-Lab	52.5029, -39.6163, 28.2507

Details

The XYZ color **15.3725, 27.5655, 7.5281** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **22.3406, 12.4363, 36.3464**, and the grayscale version is **17.3647, 18.2690, 19.8950**.

A 20% lighter version of the original color is **35.0617, 55.7905, 21.4911**, and **5.6844, 11.3689, 1.8948** is the 20% darker color. If you saturate the color by 10%, you get **14.3649, 27.0807, 5.9536**, and if you desaturate by 10%, it is **16.7846, 28.2458, 9.7843**.

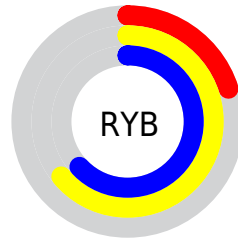
Distribution



Red (21%)

Green (64%)

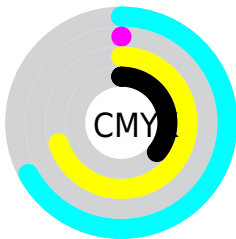
Blue (20%)



Red (20%)

Yellow (64%)

Blue (63%)

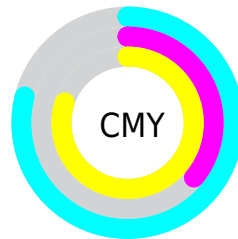


Cyan (67%)

Magenta (0%)

Yellow (70%)

Black (36%)



Cyan (79%)


Magenta (36%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3725, 27.5655, 7.5281 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 15.3725, 27.5655, 7.5281 by changing the saturation by 10% instead.


 15.3725, 27.5655,
7.5281


 15.3725, 27.5655,
7.5281


218.9539,
290.3848, 181.7765


 9.1692, 17.9984,
3.7111


 35.0717, 55.7900,
21.5587


 4.9097, 10.9488,
1.4682


 49.2983, 75.2162,
32.6093


 2.2286, 6.0324,
0.1941

 66.9301, 98.6975,
46.9083

 0.7578, 2.8648,
0.0000

 88.3324, 126.6183,
64.8741

 0.0000, 1.0616,
0.0000

 113.8705,
159.3631, 86.9253

 0.0000, 0.0000,
0.0000

 143.9099,

197.3161, 113.4804

178.8159,
240.8619, 144.9579

■ 15.3725, 27.5655,
7.5281

■ 15.3725, 27.5655,
7.5281

■ 14.3649, 27.0807,
5.9536

■ 16.7846, 28.2458,
9.7843

■ 13.7174, 26.7677,
4.9824

■ 18.6355, 29.1355,
12.7857

■ 13.3621, 26.5959,
4.4523

■ 20.9583, 30.2511,
16.5903

■ 13.3480, 26.5892,
4.4287

■ 23.7822, 31.6067,
21.2501

■ 27.1342, 33.2151,
26.8128

■ 31.0393, 35.0882,
33.3225

■ 35.5209, 37.2372,
40.8203

■ 40.6010, 39.6727,
49.3450

■ 46.3005, 42.4045,
58.9333

Harmonies

Analogous

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



21.2690, 27.5655, 3.2491



15.3725, 27.5655, 7.5281



12.6795, 27.5655, 20.7107

Triad

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



15.3725, 27.5655, 7.5281



22.7103, 27.5655, 109.0259



46.3419, 27.5655, 17.2947

Complementary

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



15.3725, 27.5655, 7.5281



22.3406, 12.4363, 36.3464

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.



46.9798, 27.5655, 41.7546



15.3725, 27.5655, 7.5281



31.8401, 27.5655, 106.1143

Square

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



15.3725, 27.5655, 7.5281



16.2188, 27.5655, 83.6140



41.1959, 27.5655, 77.0676



39.6129, 27.5655, 6.2564

Rectangle

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



15.3725, 27.5655, 7.5281



12.5368, 27.5655, 37.2265



41.1959, 27.5655, 77.0676



47.3235, 27.5655, 23.7993

Sweetspot

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



15.3732, 27.5667, 7.5287



48.0290, 59.7021, 46.6358



28.1650, 32.6805, 7.8416



10.1441, 12.8813, 9.6042



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.



15.3732, 27.5667, 7.5287



25.4035, 48.8303, 9.7887



16.9555, 28.1758, 16.9349



7.0074, 7.9063, 7.5368



10.2427, 20.3908, 3.3960



0.2217, 0.4318, 0.0717

Inverse Universe

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



22.3406, 12.4363, 36.3464



38.8102, 19.5575, 65.4818



19.4152, 11.3600, 16.7048



7.3397, 7.1895, 8.9039



15.9962, 7.6528, 27.5638



0.3432, 0.1644, 0.5795

Previews

White Background



This preview shows how the XYZ color 15.3725, 27.5655, 7.5281 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 15.3725, 27.5655, 7.5281 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 15.3725, 27.5655, 7.5281

Background



This preview shows how black text looks on a background with the XYZ color 15.3725, 27.5655, 7.5281.



This preview shows how white text looks on a background with the XYZ color 15.3725, 27.5655,

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

15.3725, 27.5655, 7.5281

Protanopia

24.5752, 27.1977, 6.3373

Deuteranopia

27.6110, 27.0013, 8.0315



Tritanopia

21.8414, 27.3746, 40.2091

Trichromacy



Original Color

15.3725, 27.5655, 7.5281



Protanomaly

19.4449, 26.3954, 6.6547



Deuteranomaly

20.5084, 25.7488, 7.6305



Tritanomaly

18.3675, 26.9469, 23.3020

Monochromacy



Original Color

15.3725, 27.5655, 7.5281



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

15.3591, 20.5512, 13.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3725, 27.5655, 7.5281 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(54, 164, 50)` looks like.

```
.text, #text, p{  
    color:rgb(54, 164, 50)  
}
```

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(54, 164, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 164, 50) }
```

Border

The CSS property to change the border of an element to XYZ 15.3725, 27.5655, 7.5281 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(54, 164, 50) }
```


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

```
.border{ border-color:rgb(54, 164, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 164, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 164, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 164, 50);  
box-shadow:4px 4px 4px 4px rgb(54, 164,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3725, 27.5655, 7.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 164, 50) }
```

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

```
.background{ background-color: rgb(54, 164,  
50) }
```

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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