

Converting Colors

XYZ(15.0848, 26.8831, 6.5933)

Have a look what the booklet for
XYZ(15.0848, 26.8831, 6.5933)
contains.

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Color

**XYZ(15.0832, 26.9074,
6.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	3AA22A
RGB	58, 162, 42
RGB Percent	23%, 64%, 16%
CMY	0.7725, 0.3647, 0.8353
CMYK	0.64, 0.00, 0.74, 0.36
HSL	112°, 59%, 40%
HSV	112°, 74%, 64%
XYZ	15.0832, 26.9074, 6.5892
YIQ	117.2240, -23.4640, -59.3680

Conversions

Conversions Part 2

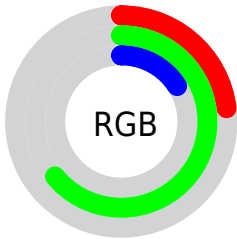
Format	Color
R_{YB}	42, 162, 146
Decimal	3842602
CIE _{Lab}	58.89, -52.10, 50.60
CIE _{LCh}	59, 72.622, 135.836
Yxy	26.9074, 0.3105, 0.5539
Android (android.graphics.Color)	4282032682 (0xFF3AA22A)
YUV	117.2240, -37.0854, -51.9394
Hunter-Lab	51.8723, -38.8732, 28.7792

Details

The XYZ color **15.0832, 26.9074, 6.5892** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **19.2054, 10.3767, 35.1746**, and the grayscale version is **17.0955, 17.9858, 19.5865**.

A 20% lighter version of the original color is **34.6082, 54.8206, 19.5839**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **14.1421, 26.4501, 5.3259**, and if you desaturate by 10%, it is **16.3654, 27.5287, 8.4814**.

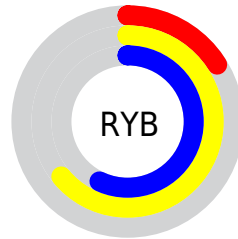
Distribution



Red (23%)

Green (64%)

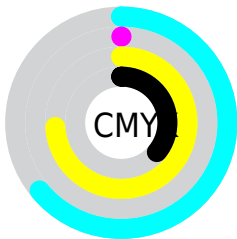
Blue (16%)



Red (16%)

Yellow (64%)

Blue (57%)

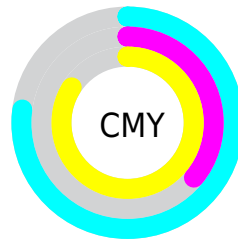


Cyan (64%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (77%)

Magenta (36%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0832, 26.9074, 6.5892 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 15.0832, 26.9074, 6.5892 by changing the saturation by 10% instead.

■ 15.0832, 26.9074,
6.5892

■ 15.0832, 26.9074,
6.5892

217.2477,
287.2085, 173.7046

■ 8.9645, 17.5037,
3.1320

■ 34.5695, 54.7352,
19.6405

■ 4.7750, 10.5943,
1.1624

■ 48.6679, 73.9282,
30.0717

■ 2.1492, 5.7947,
0.0000

■ 66.1568, 97.1529,
43.6646

■ 0.7158, 2.7207,
0.0000

■ 87.4017, 124.7940,
60.8379

■ 0.0000, 0.9877,
0.0000

■ 112.7678,
157.2356, 82.0099

■ 0.0000, 0.0000,
0.0000

■ 142.6206,

194.8624, 107.5994

177.3255,
238.0585, 138.0248

■ 15.0832, 26.9074,
6.5892

■ 15.0832, 26.9074,
6.5892

■ 14.1421, 26.4501,
5.3259

■ 16.3654, 27.5287,
8.4814

■ 13.5066, 26.1376,
4.6090

■ 18.0159, 28.3240,
11.0679

■ 13.2429, 26.0078,
4.3220

■ 20.0614, 29.3067,
14.4080

■ 22.5253, 30.4876,
18.5540

■ 25.4293, 31.8771,
23.5536

■ 28.7937, 33.4844,
29.4509

■ 32.6373, 35.3185,
36.2868

■ 36.9780, 37.3878,
44.0999

■ 41.8327, 39.7002,
52.9264

Harmonies

Analogous

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



21.1476, 26.9074, 2.8313



15.0832, 26.9074, 6.5892



12.2236, 26.9074, 18.7894

Triad

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



15.0832, 26.9074, 6.5892



21.5791, 26.9074, 108.1210



46.0344, 26.9074, 17.7721

Complementary

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



15.0832, 26.9074, 6.5892



19.2054, 10.3767, 35.1746

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.



46.2275, 26.9074, 43.1355



15.0832, 26.9074, 6.5892



30.5801, 26.9074, 107.2319

Square

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



15.0832, 26.9074, 6.5892



15.3351, 26.9074, 80.9918



40.0629, 26.9074, 78.9992



39.5844, 26.9074, 6.2191

Rectangle

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



15.0832, 26.9074, 6.5892



11.9594, 26.9074, 34.6171



40.0629, 26.9074, 78.9992



46.8765, 26.9074, 24.5530

Sweetspot

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



15.0838, 26.9085, 6.5898



47.1142, 58.3229, 44.4131



25.5983, 28.4077, 6.3250



10.2529, 12.9419, 9.4034



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.



15.0838, 26.9085, 6.5898



24.8510, 47.6131, 8.7059



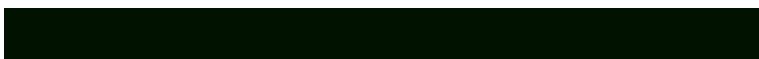
15.5558, 27.0061, 13.1978



7.0693, 7.9382, 7.5397



10.4549, 20.5002, 3.4059



0.2437, 0.4431, 0.0727

Inverse Universe

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



19.2054, 10.3767, 35.1746



32.5329, 15.8668, 63.4040



18.9993, 10.6461, 18.1942



7.2711, 7.1541, 8.9007



13.7384, 6.4889, 27.4582



0.3127, 0.1487, 0.5781

Previews

White Background



This preview shows how the XYZ color 15.0832, 26.9074, 6.5892 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 15.0832, 26.9074, 6.5892 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 15.0832, 26.9074, 6.5892

Background



This preview shows how black text looks on a background with the XYZ color 15.0832, 26.9074, 6.5892.



This preview shows how white text looks on a background with the XYZ color 15.0832, 26.9074,

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

15.0832, 26.9074, 6.5892

Protanopia

23.9594, 26.4524, 5.5933

Deuteranopia

26.8469, 26.4212, 7.0530



Tritanopia

21.5152, 26.7560, 38.6808

Trichromacy



Original Color

15.0832, 26.9074, 6.5892



Protanomaly

19.1397, 25.7790, 5.8865



Deuteranomaly

20.0434, 25.0738, 6.6891



Tritanomaly

18.0316, 26.3111, 21.5809

Monochromacy



Original Color

15.0832, 26.9074, 6.5892



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

15.0569, 20.0000, 12.7397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0832, 26.9074, 6.5892 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(58, 162, 42)` looks like.

```
.text, #text, p{  
    color:rgb(58, 162, 42)  
}
```

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(58, 162, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 162, 42) }
```

Border

The CSS property to change the border of an element to XYZ 15.0832, 26.9074, 6.5892 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(58, 162, 42) }
```


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

```
.border{ border-color:rgb(58, 162, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 162, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 162, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 162, 42);  
box-shadow:4px 4px 4px 4px rgb(58, 162,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0832, 26.9074, 6.5892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 162, 42) }
```

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

```
.background{ background-color: rgb(58, 162,  
42) }
```

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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