

Converting Colors

XYZ(15.4215, 26.0978, 5.5640)

Have a look what the booklet for
XYZ(15.4215, 26.0978, 5.5640)
contains.

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Color

**XYZ(15.3892, 26.0539,
5.5843)**

Conversions

Conversions Part 1

Format	Color
Hex	4B9E20
RGB	75, 158, 32
RGB Percent	29%, 62%, 13%
CMY	0.7059, 0.3804, 0.8745
CMYK	0.53, 0.00, 0.80, 0.38
HSL	100°, 66%, 37%
HSV	100°, 80%, 62%
XYZ	15.3892, 26.0539, 5.5843
YIQ	118.8190, -9.0220, -56.7820

Conversions

Conversions Part 2

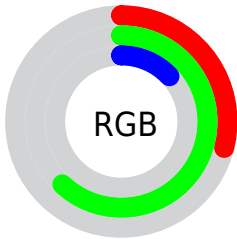
Format	Color
R_{YB}	32, 158, 115
Decimal	4955680
CIE _{Lab}	58.09, -46.83, 53.43
CIE _{LCh}	58, 71.047, 131.232
Yxy	26.0539, 0.3272, 0.5540
Android (android.graphics.Color)	4283145760 (0xFF4B9E20)
YUV	118.8190, -42.8018, -38.4293
Hunter-Lab	51.0430, -35.5085, 29.2436

Details

The XYZ color **15.3892, 26.0539, 5.5843** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **13.7600, 7.1475, 33.0037**, and the grayscale version is **17.6111, 18.5283, 20.1773**.

A 20% lighter version of the original color is **35.0303, 53.1822, 17.4357**, and **5.1540, 10.3081, 1.7180** is the 20% darker color. If you saturate the color by 10%, you get **14.4755, 25.6028, 4.6772**, and if you desaturate by 10%, it is **16.5404, 26.6171, 7.0412**.

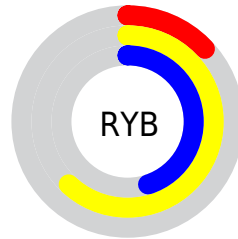
Distribution



Red (29%)

Green (62%)

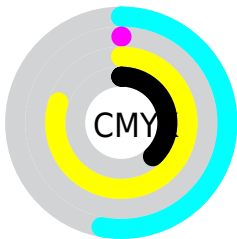
Blue (13%)



Red (13%)

Yellow (62%)

Blue (45%)

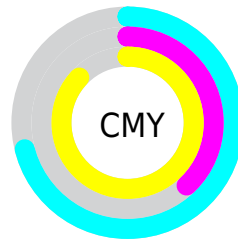


Cyan (53%)

Magenta (0%)

Yellow (80%)

Black (38%)



Cyan (71%)


Magenta (38%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3892, 26.0539, 5.5843 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 15.3892, 26.0539, 5.5843 by changing the saturation by 10% instead.


 15.3892, 26.0539,
5.5843


 15.3892, 26.0539,
5.5843


219.0520,
283.0466, 164.4767


 9.1811, 16.8640,
2.5293


 35.1006, 53.3619,
17.5243


 4.9175, 10.1376,
0.8556


 49.3346, 72.2487,
27.2464

 2.2332, 5.4903,
0.0000

 66.9746, 95.1367,
40.0280

 0.7602, 2.5377,
0.0000

 88.3859, 122.4101,
56.2876

 0.0000, 0.8954,
0.0000

 113.9340,
154.4534, 76.4437

 0.0000, 0.0000,
0.0000

 143.9841,

191.6510, 100.9149

178.9017,
234.3872, 130.1197

■ 15.3892, 26.0539,
5.5843

■ 15.3892, 26.0539,
5.5843

■ 14.4755, 25.6028,
4.6772

■ 16.5404, 26.6171,
7.0412

■ 13.7607, 25.2451,
4.1591

■ 17.9463, 27.2974,
9.1150

■ 13.7442, 25.2368,
4.1468

■ 19.6243, 28.1033,
11.8651

■ 21.5895, 29.0415,
15.3435

■ 23.8559, 30.1181,
19.5970

■ 26.4365, 31.3388,
24.6686

■ 29.3433, 32.7091,
30.5980

■ 32.5879, 34.2341,
37.4225

■ 36.1811, 35.9185,
45.1770

Harmonies

Analogous

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



21.6817, 26.0539, 2.6627



15.3892, 26.0539, 5.5843



12.1794, 26.0539, 15.7015

Triad

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



15.3892, 26.0539, 5.5843



19.8173, 26.0539, 100.9302



44.7695, 26.0539, 20.1114

Complementary

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



15.3892, 26.0539, 5.5843



13.7600, 7.1475, 33.0037

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.



43.9403, 26.0539, 46.4857



15.3892, 26.0539, 5.5843



28.1242, 26.0539, 104.7300

Square

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



15.3892, 26.0539, 5.5843



14.2974, 26.0539, 72.4010



37.3324, 26.0539, 80.9322



39.3888, 26.0539, 7.2093

Rectangle

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



15.3892, 26.0539, 5.5843



11.6423, 26.0539, 29.3979



37.3324, 26.0539, 80.9322



45.2353, 26.0539, 27.3630

Sweetspot

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



15.3898, 26.0550, 5.5849



45.7197, 55.8279, 40.2546



20.3685, 19.3868, 4.0354



9.9576, 12.4208, 8.3920



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.3898, 26.0550, 5.5849



25.2236, 45.9594, 7.7789



13.4187, 25.0002, 7.2393



6.7535, 7.5056, 7.0784



11.0460, 20.2311, 3.3228



0.2404, 0.3839, 0.0614

Inverse Universe

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



13.7600, 7.1475, 33.0037



21.9261, 10.1418, 59.5454



19.2857, 10.1699, 25.4123



6.6842, 6.6412, 8.3363



9.5664, 4.3607, 26.2447



0.2145, 0.1004, 0.4713

Previews

White Background



This preview shows how the XYZ color 15.3892, 26.0539, 5.5843 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 15.3892, 26.0539, 5.5843 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 15.3892, 26.0539, 5.5843

Background



This preview shows how black text looks on a background with the XYZ color 15.3892, 26.0539, 5.5843.



This preview shows how white text looks on a background with the XYZ color 15.3892, 26.0539,

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

15.3892, 26.0539, 5.5843

Protanopia

23.1407, 25.6123, 4.7609

Deuteranopia

26.1805, 25.6907, 6.0616



Tritanopia

21.6215, 25.9120, 36.6628

Trichromacy



Original Color

15.3892, 26.0539, 5.5843

Protanomaly

19.2531, 25.1585, 5.0037

Deuteranomaly

20.3891, 24.6062, 5.6823

Tritanomaly

18.1671, 25.4493, 19.5775

Monochromacy



Original Color

15.3892, 26.0539, 5.5843

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.7013, 20.3467, 12.1166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3892, 26.0539, 5.5843 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(75, 158, 32)` looks like.

```
.text, #text, p{  
    color:rgb(75, 158, 32)  
}
```

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(75, 158, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 158, 32) }
```

Border

The CSS property to change the border of an element to XYZ 15.3892, 26.0539, 5.5843 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(75, 158, 32) }
```


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

```
.border{ border-color:rgb(75, 158, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 158, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 158, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 158, 32);  
box-shadow:4px 4px 4px 4px rgb(75, 158,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3892, 26.0539, 5.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 158, 32) }
```

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

```
.background{ background-color: rgb(75, 158,  
32) }
```

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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