

Converting Colors

XYZ(15.8520, 14.9943, 3.5774)

Have a look what the booklet for
XYZ(15.8520, 14.9943, 3.5774)
contains.

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Color

**XYZ(15.9269, 15.0856,
3.5857)**

Conversions

Conversions Part 1

Format	Color
Hex	8D6522
RGB	141, 101, 34
RGB Percent	55%, 40%, 13%
CMY	0.4471, 0.6039, 0.8667
CMYK	0.00, 0.28, 0.76, 0.45
HSL	38°, 61%, 34%
HSV	38°, 76%, 55%
XYZ	15.9269, 15.0856, 3.5857
YIQ	105.3220, 45.3470, -12.3570

Conversions

Conversions Part 2

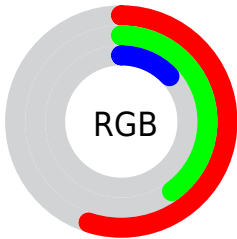
Format	Color
RYB	98, 141, 34
Decimal	9266466
CIELab	45.75, 9.49, 42.36
CIELCh	46, 43.411, 77.377
Yxy	15.0856, 0.4603, 0.4360
Android (android.graphics.Color)	4287456546 (0xFF8D6522)
YUV	105.3220, -35.1617, 31.2896
Hunter-Lab	38.8402, 5.2258, 21.7145

Details

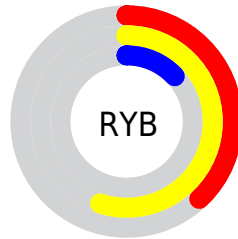
The XYZ color **15.9269, 15.0856, 3.5857** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.9160, 7.1603, 26.1639**, and the grayscale version is **13.5990, 14.3072, 15.5805**.

A 20% lighter version of the original color is **36.0783, 35.0868, 13.0545**, and **5.2496, 4.6646, 0.6237** is the 20% darker color. If you saturate the color by 10%, you get **15.2684, 14.0301, 2.5606**, and if you desaturate by 10%, it is **16.7024, 16.2417, 5.0619**.

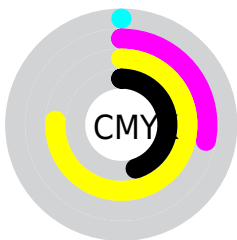
Distribution



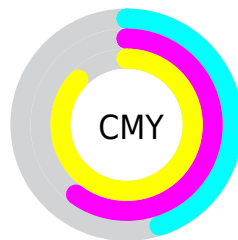
- Red (55%)
- Green (40%)
- Blue (13%)



- Red (38%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (28%)
- Yellow (76%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9269, 15.0856, 3.5857 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 15.9269, 15.0856, 3.5857 by changing the saturation by 10% instead.

■ 15.9269, 15.0856,
3.5857

■ 15.9269, 15.0856,
3.5857

222.1889,
223.8838, 143.5027

■ 9.5630, 8.8795,
1.4009

■ 36.0297, 35.0033,
13.0424

■ 5.1702, 4.6627,
0.1424

■ 50.4993, 49.4836,
21.1514

■ 2.3832, 2.0507,
0.0000

■ 68.4015, 67.4908,
32.0722

■ 0.8368, 0.6367,
0.0000

■ 90.1017, 89.4093,
46.2234

■ 0.0000, 0.0000,
0.0000

■ 115.9651,
115.6235, 64.0235

■ 146.3572,

146.5176, 85.8911

181.6434,
182.4763, 112.2446

15.9269, 15.0856,
3.5857

15.9269, 15.0856,
3.5857

15.2684, 14.0301,
2.5606

16.7024, 16.2417,
5.0619

14.7116, 13.0661,
1.9132

17.6035, 17.5009,
7.0367

14.4984, 12.6906,
1.6854

18.6392, 18.8683,
9.5521

19.8171, 20.3479,
12.6457

21.1441, 21.9434,
16.3517

■ 22.6268, 23.6581,
20.7013

■ 24.2712, 25.4954,
25.7241

■ 26.0829, 27.4584,
31.4472

■ 28.0675, 29.5500,
37.8968

Harmonies

Analogous

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



19.6332, 15.0856, 5.6335



15.9269, 15.0856, 3.5857



12.3436, 15.0856, 3.7443

Triad

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



15.9269, 15.0856, 3.5857



8.6311, 15.0856, 23.1864



20.1449, 15.0856, 34.1339

Complementary

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



15.9269, 15.0856, 3.5857



7.9160, 7.1603, 26.1639

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.



16.5373, 15.0856, 44.0300



15.9269, 15.0856, 3.5857



10.0930, 15.0856, 36.0888

Square

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



15.9269, 15.0856, 3.5857



8.5242, 15.0856, 12.4143



12.8592, 15.0856, 44.8675



22.3317, 15.0856, 21.2195

Rectangle

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



15.9269, 15.0856, 3.5857



10.4874, 15.0856, 5.0739



12.8592, 15.0856, 44.8675



19.0328, 15.0856, 38.1240

Sweetspot

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



15.9272, 15.0864, 3.5860



38.4755, 40.0124, 31.0400



12.8271, 7.3150, 7.3956



8.4117, 8.7231, 6.4095



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.9272, 15.0864, 3.5860



26.6243, 23.8908, 3.7191



18.7935, 23.7944, 5.1157



5.6724, 5.9511, 5.7391



13.2354, 11.6025, 1.5419



0.1478, 0.1534, 0.0218

Inverse Universe

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



7.9160, 7.1603, 26.1639



11.6268, 9.1473, 46.2807



6.5284, 3.6594, 25.5613



5.2844, 5.5647, 6.8243



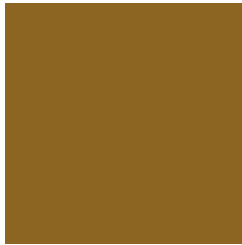
5.5466, 4.0793, 23.4721



0.0729, 0.0788, 0.2311

Previews

White Background



This preview shows how the XYZ color 15.9269, 15.0856, 3.5857 looks on a white 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

Black Background



This preview shows how the XYZ color 15.9269, 15.0856, 3.5857 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9269, 15.0856, 3.5857

Background



This preview shows how black text looks on a background with the XYZ color 15.9269, 15.0856, 3.5857.



This preview shows how white text looks on a background with the XYZ color 15.9269, 15.0856,

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

15.9269, 15.0856, 3.5857

Protanopia

13.8131, 15.2022, 3.8754

Deuteranopia

15.2781, 15.0445, 3.5375



Tritanopia

18.0780, 14.9845, 14.5098

Trichromacy



Original Color

15.9269, 15.0856, 3.5857

Protanomaly

14.5107, 15.0965, 3.7392

Deuteranomaly

15.5071, 15.0158, 3.5199

Tritanomaly

17.1158, 15.0145, 9.0172

Monochromacy



Original Color

15.9269, 15.0856, 3.5857

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.8328, 14.3167, 9.4315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9269, 15.0856, 3.5857 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(141, 101, 34)` looks like.

```
.text, #text, p{  
    color:rgb(141, 101, 34)  
}
```

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(141, 101, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 101, 34) }
```

Border

The CSS property to change the border of an element to XYZ 15.9269, 15.0856, 3.5857 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(141, 101, 34) }
```


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

```
.border{ border-color:rgb(141, 101, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 101, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 101, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 101, 34);  
box-shadow:4px 4px 4px 4px rgb(141, 101,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9269, 15.0856, 3.5857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 101, 34) }
```

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

```
.background{ background-color: rgb(141,  
101, 34) }
```

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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