

Converting Colors

XYZ(18.4162, 15.5289, 2.2823)

Have a look what the booklet for
XYZ(18.4162, 15.5289, 2.2823)
contains.

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Color

**XYZ(18.4396, 15.5751,
2.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	9F5F09
RGB	159, 95, 9
RGB Percent	62%, 37%, 4%
CMY	0.3765, 0.6274, 0.9647
CMYK	0.00, 0.40, 0.94, 0.38
HSL	34°, 89%, 33%
HSV	34°, 94%, 62%
XYZ	18.4396, 15.5751, 2.2929
YIQ	104.3320, 65.7500, -13.1780

Conversions

Conversions Part 2

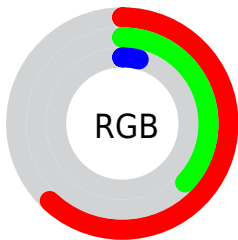
Format	Color
R_{YB}	121, 159, 9
Decimal	10444553
CIE Lab	46.41, 20.43, 52.38
CIE LCh	46, 56.222, 68.689
Yxy	15.5751, 0.5079, 0.4290
Android (android.graphics.Color)	4288634633 (0xFF9F5F09)
YUV	104.3320, -46.9987, 47.9438
Hunter-Lab	39.4653, 14.3373, 24.1810

Details

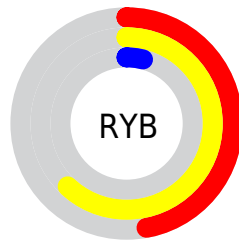
The XYZ color **18.4396, 15.5751, 2.2929** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **8.7533, 7.3264, 33.7534**, and the grayscale version is **13.3577, 14.0534, 15.3041**.

A 20% lighter version of the original color is **40.4464, 35.9995, 9.8179**, and **6.5364, 4.9387, 0.6088** is the 20% darker color. If you saturate the color by 10%, you get **18.0529, 14.8809, 1.9208**, and if you desaturate by 10%, it is **19.2030, 16.9019, 3.1647**.

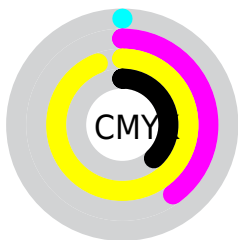
Distribution



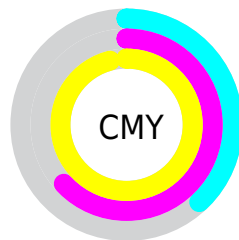
- Red (62%)
- Green (37%)
- Blue (4%)



- Red (47%)
- Yellow (62%)
- Blue (4%)



- Cyan (0%)
- Magenta (40%)
- Yellow (94%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4396, 15.5751, 2.2929 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 18.4396, 15.5751, 2.2929 by changing the saturation by 10% instead.

■ 18.4396, 15.5751,
2.2929

■ 18.4396, 15.5751,
2.2929

236.3353,
226.8212, 126.7709

■ 11.3677, 9.2240,
0.7272

■ 40.3092, 35.8590,
9.8271

■ 6.3838, 4.8876,
0.0000

■ 55.8376, 50.5605,
16.6517

■ 3.1227, 2.1814,
0.0000

■ 74.9155, 68.8143,
26.0725

■ 1.2190, 0.7099,
0.0000

■ 97.9083, 91.0048,
38.5083

■ 0.1213, 0.0000,
0.0000

■ 125.1813,
117.5163, 54.3775

■ 0.0000, 0.0000,
0.0000

■ 157.0999,

148.7333, 74.0986

194.0294,
185.0402, 98.0902

18.4396, 15.5751,
2.2929

18.4396, 15.5751,
2.2929

18.0529, 14.8809,
1.9208

19.2030, 16.9019,
3.1647

20.1179, 18.3759,
4.5667

21.2006, 20.0062,
6.5767

22.4642, 21.8001,
9.2589

23.9206, 23.7642,
12.6689

■ 25.5803, 25.9045,
16.8569

■ 27.4529, 28.2267,
21.8681

■ 29.5474, 30.7361,
27.7446

■ 31.8723, 33.4378,
34.5254

Harmonies

Analogous

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



23.2944, 15.5751, 5.1788



18.4396, 15.5751, 2.2929



13.4454, 15.5751, 1.9171

Triad

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



18.4396, 15.5751, 2.2929



7.3937, 15.5751, 21.2993



21.3963, 15.5751, 47.3187

Complementary

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



18.4396, 15.5751, 2.2929



8.7533, 7.3264, 33.7534

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.



16.2505, 15.5751, 59.1426



18.4396, 15.5751, 2.2929



8.6765, 15.5751, 39.5916

Square

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



18.4396, 15.5751, 2.2929



7.7312, 15.5751, 9.0163



11.6802, 15.5751, 55.7317



25.2432, 15.5751, 28.5699

Rectangle

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



18.4396, 15.5751, 2.2929



10.7802, 15.5751, 2.6951



11.6802, 15.5751, 55.7317



19.7212, 15.5751, 52.5975

Sweetspot

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



18.4399, 15.5759, 2.2932



47.7111, 48.7663, 35.2132



15.6318, 8.0608, 7.2111



10.4517, 10.6146, 7.1287



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.



18.4399, 15.5759, 2.2932



32.1353, 26.2581, 3.3746



24.8418, 31.2053, 4.9726



6.9329, 7.2457, 7.0188



14.3009, 11.8375, 1.5311



0.2971, 0.2945, 0.0412

Inverse Universe

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



8.7533, 7.3264, 33.7534



14.7075, 11.4829, 60.1847



6.6244, 2.8372, 32.9991



6.5058, 6.8773, 8.3912



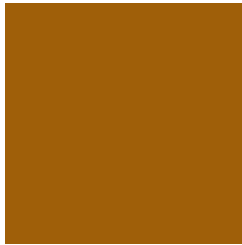
6.6075, 5.3066, 26.5833



0.1592, 0.1771, 0.4890

Previews

White Background



This preview shows how the XYZ color 18.4396, 15.5751, 2.2929 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 18.4396, 15.5751, 2.2929 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 18.4396, 15.5751, 2.2929

Background



This preview shows how black text looks on a background with the XYZ color 18.4396, 15.5751, 2.2929.



This preview shows how white text looks on a background with the XYZ color 18.4396, 15.5751,

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

18.4396, 15.5751, 2.2929

Protanopia

14.2281, 15.7633, 2.7447

Deuteranopia

15.8668, 15.6786, 2.1900



Tritanopia

20.4556, 15.4871, 12.7376

Trichromacy



Original Color

18.4396, 15.5751, 2.2929

Protanomaly

15.4407, 15.4506, 2.5492

Deuteranomaly

16.7027, 15.5170, 2.2009

Tritanomaly

19.3644, 15.4294, 6.8080

Monochromacy



Original Color

18.4396, 15.5751, 2.2929

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.0400, 14.0221, 7.5968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4396, 15.5751, 2.2929 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(159, 95, 9)` looks like.

```
.text, #text, p{  
  color:rgb(159, 95, 9)  
}
```

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(159, 95, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 95, 9) }
```

Border

The CSS property to change the border of an element to XYZ 18.4396, 15.5751, 2.2929 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(159, 95, 9) }
```


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

```
.border{ border-color:rgb(159, 95, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 95, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 95, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 95, 9);  
box-shadow:4px 4px 4px 4px rgb(159, 95, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 18.4396, 15.5751, 2.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 95, 9) }
```

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

```
.background{ background-color: rgb(159, 95,  
9) }
```

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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