

Converting Colors

XYZ(15.1893, 10.0361, 2.9703)

Have a look what the booklet for
XYZ(15.1893, 10.0361, 2.9703)
contains.

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Color

**XYZ(15.1893, 10.0361,
2.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	9A3A26
RGB	154, 58, 38
RGB Percent	60%, 23%, 15%
CMY	0.3961, 0.7725, 0.8510
CMYK	0.00, 0.62, 0.75, 0.40
HSL	10°, 60%, 38%
HSV	10°, 75%, 60%
XYZ	15.1893, 10.0361, 2.9703
YIQ	84.4240, 63.6360, 14.1320

Conversions

Conversions Part 2

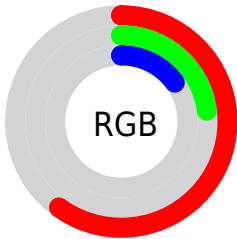
Format	Color
RYB	154, 62, 38
Decimal	10107430
CIELab	37.91, 38.97, 32.74
CIElCh	38, 50.899, 40.028
Yxy	10.0361, 0.5387, 0.3559
Android (android.graphics.Color)	4288297510 (0xFF9A3A26)
YUV	84.4240, -22.8870, 61.0182
Hunter-Lab	31.6798, 30.1445, 16.6168

Details

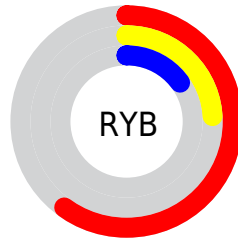
The XYZ color **15.1893, 10.0361, 2.9703** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.1562, 19.7935, 33.5932**, and the grayscale version is **8.5518, 8.9972, 9.7979**.

A 20% lighter version of the original color is **34.8004, 25.8735, 11.5474**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.4254, 8.8271, 1.7333**, and if you desaturate by 10%, it is **16.2155, 11.6055, 4.8021**.

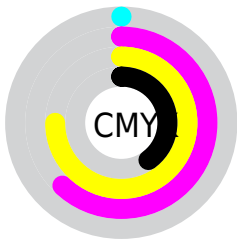
Distribution



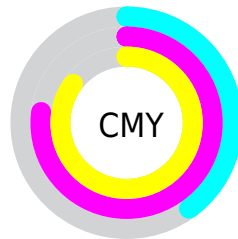
- Red (60%)
- Green (23%)
- Blue (15%)



- Red (60%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (62%)
- Yellow (75%)
- Black (40%)



- Cyan (40%)
- Magenta (77%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1893, 10.0361, 2.9703 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 15.1893, 10.0361, 2.9703 by changing the saturation by 10% instead.

■ 15.1893, 10.0361,
2.9703

■ 15.1893, 10.0361,
2.9703

217.8749,
190.9295, 135.9814

■ 9.0395, 5.4229,
1.0795

■ 34.7539, 25.8634,
11.5551

■ 4.8243, 2.4975,
0.0000

■ 48.8994, 37.8462,
19.0861

■ 2.1782, 0.8754,
0.0000

■ 66.4408, 53.0545,
29.3343

■ 0.7312, 0.0000,
0.0000

■ 87.7436, 71.8724,
42.7182

■ 0.0000, 0.0000,
0.0000

■ 113.1730, 94.6845,
59.6563

■ 143.0945,

121.8751, 80.5672

177.8733,
153.8287, 105.8694

15.1893, 10.0361,
2.9703

15.1893, 10.0361,
2.9703

14.4254, 8.8271,
1.7333

16.2155, 11.6055,
4.8021

13.8963, 7.9469,
1.0083

17.5255, 13.5596,
7.2914

13.7082, 7.6338,
0.7510

19.1390, 15.9225,
10.4933

21.0740, 18.7158,
14.4572

23.3468, 21.9597,
19.2278

■ 25.9727, 25.6729,
24.8466

■ 28.9661, 29.8731,
31.3521

■ 32.3405, 34.5773,
38.7803

■ 36.1087, 39.8013,
47.1655

Harmonies

Analogous

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



17.1393, 10.0361, 8.0900



15.1893, 10.0361, 2.9703



11.8443, 10.0361, 1.2489

Triad

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



15.1893, 10.0361, 2.9703



4.7770, 10.0361, 5.8711



10.6728, 10.0361, 39.8539

Complementary

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



15.1893, 10.0361, 2.9703



15.1562, 19.7935, 33.5932

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.



7.5541, 10.0361, 37.9760



15.1893, 10.0361, 2.9703



4.6019, 10.0361, 14.3615

Square

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



15.1893, 10.0361, 2.9703



6.0485, 10.0361, 2.1394



5.4990, 10.0361, 27.0191



14.1656, 10.0361, 31.2453

Rectangle

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



15.1893, 10.0361, 2.9703



9.5359, 10.0361, 1.0115



5.4990, 10.0361, 27.0191



9.5421, 10.0361, 40.5073

Sweetspot

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



15.1895, 10.0367, 2.9705



43.2510, 41.0830, 36.7119



18.3691, 9.9961, 23.7599



9.4472, 8.8126, 7.5832



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.1895, 10.0367, 2.9705



25.5381, 14.9350, 2.2053



19.8449, 19.3474, 4.5223



6.2907, 6.3864, 6.5070



11.1879, 6.2583, 0.6183



0.1862, 0.1314, 0.0156

Inverse Universe

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



15.1562, 19.7935, 33.5932



25.2957, 33.2058, 60.6124



9.2626, 8.0064, 31.6287



6.2939, 6.8452, 7.9185



11.0046, 14.4058, 27.1083



0.1856, 0.2576, 0.4123

Previews

White Background



This preview shows how the XYZ color 15.1893, 10.0361, 2.9703 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 15.1893, 10.0361, 2.9703 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 15.1893, 10.0361, 2.9703

Background



This preview shows how black text looks on a background with the XYZ color 15.1893, 10.0361, 2.9703.



This preview shows how white text looks on a background with the XYZ color 15.1893, 10.0361,

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

15.1893, 10.0361, 2.9703

Protanopia

9.3353, 10.1784, 4.2689

Deuteranopia

10.3852, 10.2652, 2.7304



Tritanopia

15.6732, 10.0167, 5.2450

Trichromacy



Original Color

15.1893, 10.0361, 2.9703

Protanomaly

10.7868, 9.5526, 3.6582

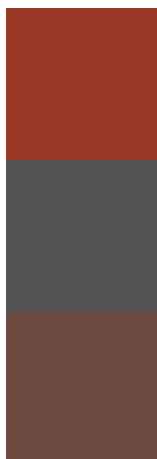
Deuteranomaly

11.7753, 9.8736, 2.7985

Tritanomaly

15.5293, 10.0359, 4.2506

Monochromacy



Original Color

15.1893, 10.0361, 2.9703

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.8359, 8.6886, 6.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1893, 10.0361, 2.9703 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(154, 58, 38)` looks like.

```
.text, #text, p{  
    color:rgb(154, 58, 38)  
}
```

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(154, 58, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 58, 38) }
```

Border

The CSS property to change the border of an element to XYZ 15.1893, 10.0361, 2.9703 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(154, 58, 38) }
```


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

```
.border{ border-color:rgb(154, 58, 38) }
```

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

Here you see how a box with a 4 pixel rgb(154, 58, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 58, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 58, 38);  
box-shadow:4px 4px 4px 4px rgb(154, 58,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1893, 10.0361, 2.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 58, 38) }
```

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

```
.background{ background-color: rgb(154, 58,  
38) }
```

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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