

Converting Colors

XYZ(19.2084, 15.3589, 5.7081)

Have a look what the booklet for
XYZ(19.2084, 15.3589, 5.7081)
contains.

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Color

**XYZ(19.1528, 15.3448,
5.6938)**

Conversions

Conversions Part 1

Format	Color
Hex	A15B38
RGB	161, 91, 56
RGB Percent	63%, 36%, 22%
CMY	0.3686, 0.6431, 0.7804
CMYK	0.00, 0.43, 0.65, 0.37
HSL	20°, 48%, 43%
HSV	20°, 65%, 63%
XYZ	19.1528, 15.3448, 5.6938
YIQ	107.9400, 52.9550, 3.9550

Conversions

Conversions Part 2

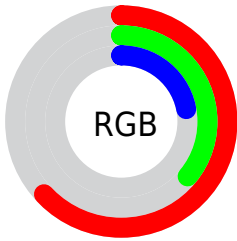
Format	Color
R_{YB}	161, 109, 56
Decimal	10574648
CIE _{Lab}	46.10, 25.45, 32.28
CIE _{LCh}	46, 41.109, 51.750
Yxy	15.3448, 0.4765, 0.3818
Android (android.graphics.Color)	4288764728 (0xFFA15B38)
YUV	107.9400, -25.6064, 46.5336
Hunter-Lab	39.1724, 18.7232, 18.8028

Details

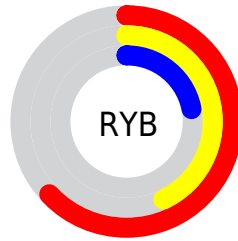
The XYZ color **19.1528, 15.3448, 5.6938** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **15.5242, 18.3345, 36.4385**, and the grayscale version is **14.2966, 15.0412, 16.3798**.

A 20% lighter version of the original color is **41.3851, 35.4055, 17.7494**, and **6.7868, 4.8288, 0.8910** is the 20% darker color. If you saturate the color by 10%, you get **17.9678, 13.5069, 3.6588**, and if you desaturate by 10%, it is **20.5964, 17.4975, 8.4400**.

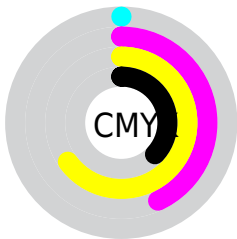
Distribution



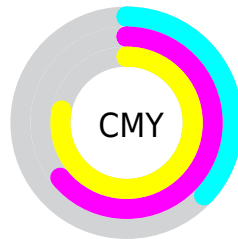
- Red (63%)
- Green (36%)
- Blue (22%)



- Red (63%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (65%)
- Black (37%)





- Cyan (37%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 19.1528, 15.3448, 5.6938 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 19.1528, 15.3448, 5.6938 by changing the saturation by 10% instead.


 19.1528, 15.3448,
5.6938


 19.1528, 15.3448,
5.6938


240.2130,
225.4438, 165.5164


 11.8854, 9.0617,
2.5940


 41.5070, 35.4569,
17.7585


 6.7373, 4.7815,
0.8894


 57.3245, 50.0548,
27.5606

 3.3432, 2.1196,
0.0000

 76.7228, 68.1930,
40.4338

 1.3378, 0.6756,
0.0000

 100.0672, 90.2561,
56.7967

 0.2112, 0.0000,
0.0000

 127.7231,
116.6282, 77.0679

 0.0000, 0.0000,
0.0000

 160.0557,

147.6940, 101.6659

197.4306,
183.8377, 131.0092

■ 19.1528, 15.3448,
5.6938

■ 19.1528, 15.3448,
5.6938

■ 17.9678, 13.5069,
3.6588

■ 20.5964, 17.4975,
8.4400

■ 17.0221, 11.9651,
2.2657

■ 22.3138, 19.9773,
11.9562

■ 16.2941, 10.7020,
1.4281

■ 24.3200, 22.7989,
16.2959

■ 16.0018, 10.1850,
1.1225

■ 26.6285, 25.9752,
21.5074

■ 29.2522, 29.5184,
27.6355

■ 32.2028, 33.4400,
34.7218

■ 35.4916, 37.7513,
42.8052

■ 39.1294, 42.4627,
51.9225

■ 43.1263, 47.5844,
62.1088

Harmonies

Analogous

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



21.7585, 15.3448, 10.5432



19.1528, 15.3448, 5.6938



15.5704, 15.3448, 3.9827

Triad

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



19.1528, 15.3448, 5.6938



8.8943, 15.3448, 14.0959



17.2191, 15.3448, 41.7135

Complementary

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



19.1528, 15.3448, 5.6938



15.5242, 18.3345, 36.4385

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.



13.6417, 15.3448, 43.9057



19.1528, 15.3448, 5.6938



9.1916, 15.3448, 24.9016

Square

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



19.1528, 15.3448, 5.6938



9.9187, 15.3448, 7.4014



10.8078, 15.3448, 36.8353



20.5237, 15.3448, 31.6779

Rectangle

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



19.1528, 15.3448, 5.6938



13.2587, 15.3448, 4.0617



10.8078, 15.3448, 36.8353



15.9964, 15.3448, 43.5181

Sweetspot

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



19.1532, 15.3456, 5.6941



49.8928, 49.5083, 43.6215



19.8779, 11.9118, 20.9902



10.6762, 10.4977, 8.9484



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.



19.1532, 15.3456, 5.6941



31.4092, 22.9537, 5.3600



25.3092, 27.6578, 7.7461



7.2577, 7.4539, 7.4363



12.8145, 8.2030, 0.9079



0.3112, 0.2563, 0.0331

Inverse Universe

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



15.5242, 18.3345, 36.4385



24.3237, 28.5411, 64.6135



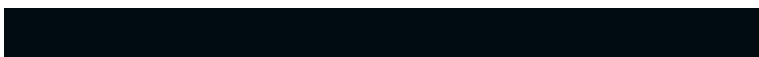
10.4795, 8.2452, 34.7570



7.0762, 7.6115, 8.9993



9.4027, 10.5849, 28.4773



0.2382, 0.3037, 0.6119

Previews

White Background



This preview shows how the XYZ color 19.1528, 15.3448, 5.6938 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 19.1528, 15.3448, 5.6938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

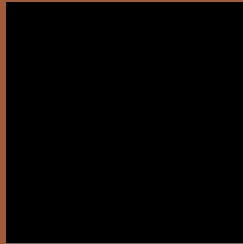
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1528, 15.3448, 5.6938

Background



This preview shows how black text looks on a background with the XYZ color 19.1528, 15.3448, 5.6938.



This preview shows how white text looks on a background with the XYZ color 19.1528, 15.3448,

5.6938.

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

19.1528, 15.3448, 5.6938

Protanopia

14.1912, 15.4927, 6.7999

Deuteranopia

15.5846, 15.3086, 5.5016



Tritanopia

20.4882, 15.3932, 12.2473

Trichromacy



Original Color

19.1528, 15.3448, 5.6938

Protanomaly

15.6575, 15.1776, 6.3793

Deuteranomaly

16.6293, 15.1193, 5.5319

Tritanomaly

19.8380, 15.2400, 9.4855

Monochromacy



Original Color

19.1528, 15.3448, 5.6938

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.3069, 14.7360, 11.4888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1528, 15.3448, 5.6938 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(161, 91, 56)` looks like.

```
.text, #text, p{  
    color:rgb(161, 91, 56)  
}
```

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(161, 91, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 91, 56) }
```

Border

The CSS property to change the border of an element to XYZ 19.1528, 15.3448, 5.6938 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(161, 91, 56) }
```


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

```
.border{ border-color:rgb(161, 91, 56) }
```

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

Here you see how a box with a 4 pixel rgb(161, 91, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 91, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 91, 56);  
box-shadow:4px 4px 4px 4px rgb(161, 91,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1528, 15.3448, 5.6938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 91, 56) }
```

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

```
.background{ background-color: rgb(161, 91,  
56) }
```

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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