

Converting Colors

XYZ(19.1432, 15.8634, 4.3748)

Have a look what the booklet for
XYZ(19.1432, 15.8634, 4.3748)
contains.

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Color

**XYZ(19.2262, 15.9359,
4.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	A15F2B
RGB	161, 95, 43
RGB Percent	63%, 37%, 17%
CMY	0.3686, 0.6274, 0.8314
CMYK	0.00, 0.41, 0.73, 0.37
HSL	26°, 58%, 40%
HSV	26°, 73%, 63%
XYZ	19.2262, 15.9359, 4.3481
YIQ	108.8060, 56.0280, -2.1800

Conversions

Conversions Part 2

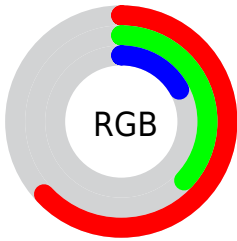
Format	Color
R_{YB}	161, 136, 43
Decimal	10575659
CIE _{Lab}	46.89, 22.43, 40.07
CIE _{LCh}	47, 45.921, 60.761
Yxy	15.9359, 0.4866, 0.4033
Android (android.graphics.Color)	4288765739 (0xFFA15F2B)
YUV	108.8060, -32.4424, 45.7741
Hunter-Lab	39.9198, 16.1097, 21.4859

Details

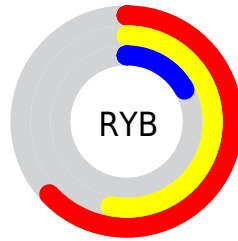
The XYZ color **19.2262, 15.9359, 4.3481** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.8976, 14.0233, 35.7450**, and the grayscale version is **14.5591, 15.3173, 16.6806**.

A 20% lighter version of the original color is **41.6824, 36.5287, 14.7514**, and **6.7659, 5.0570, 0.6195** is the 20% darker color. If you saturate the color by 10%, you get **18.2224, 14.3113, 2.8329**, and if you desaturate by 10%, it is **20.4412, 17.7963, 6.5092**.

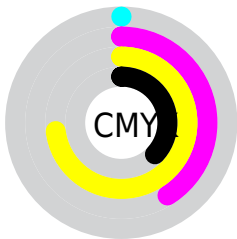
Distribution



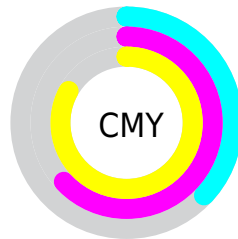
- Red (63%)
- Green (37%)
- Blue (17%)



- Red (63%)
- Yellow (53%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (73%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2262, 15.9359, 4.3481 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 19.2262, 15.9359, 4.3481 by changing the saturation by 10% instead.

■ 19.2262, 15.9359,
4.3481

■ 19.2262, 15.9359,
4.3481

240.6089,
228.9632, 152.0193

■ 11.9388, 9.4788,
1.8182

■ 41.6299, 36.4869,
14.8049

■ 6.7739, 5.0548,
0.4399

■ 57.4769, 51.3496,
23.5690

■ 3.3662, 2.2794,
0.0000

■ 76.9079, 69.7829,
35.2481

■ 1.3502, 0.7628,
0.0000

■ 100.2881, 92.1713,
50.2609

■ 0.2204, 0.0000,
0.0000

■ 127.9830,
118.8991, 69.0258

■ 0.0000, 0.0000,
0.0000

■ 160.3578,

150.3508, 91.9615

197.7780,
186.9107, 119.4865

■ 19.2262, 15.9359,
4.3481

■ 19.2262, 15.9359,
4.3481

■ 18.2224, 14.3113,
2.8329

■ 20.4412, 17.7963,
6.5092

■ 17.4107, 12.9079,
1.8844

■ 21.8814, 19.9011,
9.3808

■ 16.9482, 12.0777,
1.4380

■ 23.5610, 22.2611,
13.0209

■ 25.4922, 24.8857,
17.4807

■ 27.6865, 27.7838,
22.8074

■ 30.1546, 30.9637,
29.0443

■ 32.9064, 34.4333,
36.2319

■ 35.9513, 38.2003,
44.4082

■ 39.2985, 42.2720,
53.6091

Harmonies

Analogous

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



22.7708, 15.9359, 8.3422



19.2262, 15.9359, 4.3481



15.0446, 15.9359, 3.3251

Triad

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



19.2262, 15.9359, 4.3481



8.6798, 15.9359, 17.6459



19.4345, 15.9359, 44.0254

Complementary

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



19.2262, 15.9359, 4.3481



12.8976, 14.0233, 35.7450

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.



15.2491, 15.9359, 50.0470



19.2262, 15.9359, 4.3481



9.4482, 15.9359, 31.2453

Square

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



19.2262, 15.9359, 4.3481



9.3737, 15.9359, 8.6573



11.6892, 15.9359, 44.5723



22.9052, 15.9359, 30.5007

Rectangle

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



19.2262, 15.9359, 4.3481



12.5786, 15.9359, 3.8233



11.6892, 15.9359, 44.5723



18.0423, 15.9359, 47.2060

Sweetspot

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



19.2266, 15.9367, 4.3484



49.9527, 50.2383, 41.7606



18.3690, 10.4278, 15.7585



10.7268, 10.7197, 8.5931



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.



19.2266, 15.9367, 4.3484



31.6726, 23.9871, 3.8856



26.5469, 30.5775, 6.7885



7.3186, 7.5757, 7.4566



13.5755, 9.7249, 1.1616



0.3320, 0.2979, 0.0400

Inverse Universe

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



12.8976, 14.0233, 35.7450



19.6440, 20.2560, 63.2610



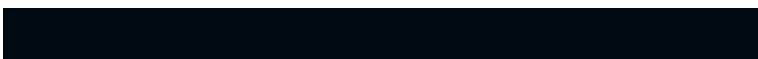
8.6074, 5.4430, 34.3149



7.0136, 7.4862, 8.9784



8.1021, 7.9836, 28.0437



0.2163, 0.2599, 0.6046

Previews

White Background



This preview shows how the XYZ color 19.2262, 15.9359, 4.3481 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 19.2262, 15.9359, 4.3481 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 19.2262, 15.9359, 4.3481

Background



This preview shows how black text looks on a background with the XYZ color 19.2262, 15.9359, 4.3481.



This preview shows how white text looks on a background with the XYZ color 19.2262, 15.9359,

4.3481.

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

19.2262, 15.9359, 4.3481

Protanopia

14.6399, 16.0868, 5.1298

Deuteranopia

16.1845, 15.9502, 4.2332



Tritanopia

20.9935, 15.8818, 13.0253

Trichromacy



Original Color

19.2262, 15.9359, 4.3481

Protanomaly

15.9637, 15.8237, 4.7977

Deuteranomaly

17.1842, 15.8659, 4.2545

Tritanomaly

20.1849, 15.8045, 9.0079

Monochromacy



Original Color

19.2262, 15.9359, 4.3481

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.4921, 15.1457, 10.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2262, 15.9359, 4.3481 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, 95, 43)` looks like.

```
.text, #text, p{  
    color:rgb(161, 95, 43)  
}
```

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, 95, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 95, 43) }
```

Border

The CSS property to change the border of an element to XYZ 19.2262, 15.9359, 4.3481 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, 95, 43) }
```


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

```
.border{ border-color:rgb(161, 95, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 95, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 95, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 95, 43);  
box-shadow:4px 4px 4px 4px rgb(161, 95,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2262, 15.9359, 4.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 95, 43) }
```

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

```
.background{ background-color: rgb(161, 95,  
43) }
```

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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