

Converting Colors

XYZ(19.4515, 17.0220, 3.3738)

Have a look what the booklet for
XYZ(19.4515, 17.0220, 3.3738)
contains.

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Color

**XYZ(19.4582, 17.0602,
3.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	A0661C
RGB	160, 102, 28
RGB Percent	63%, 40%, 11%
CMY	0.3726, 0.6000, 0.8902
CMYK	0.00, 0.36, 0.82, 0.37
HSL	34°, 70%, 37%
HSV	34°, 82%, 63%
XYZ	19.4582, 17.0602, 3.3660
YIQ	110.9060, 58.3220, -10.7180

Conversions

Conversions Part 2

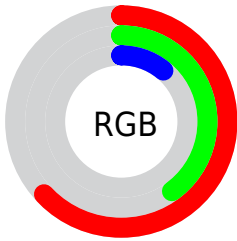
Format	Color
R_{YB}	131, 160, 28
Decimal	10511900
CIE Lab	48.34, 17.38, 48.15
CIE LCh	48, 51.193, 70.159
Yxy	17.0602, 0.4879, 0.4277
Android (android.graphics.Color)	4288701980 (0xFFA0661C)
YUV	110.9060, -40.8727, 43.0554
Hunter-Lab	41.3040, 11.8089, 24.0811

Details

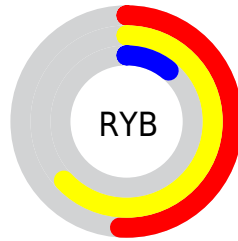
The XYZ color **19.4582, 17.0602, 3.3660** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **10.1517, 9.4401, 34.5445**, and the grayscale version is **15.1856, 15.9765, 17.3984**.

A 20% lighter version of the original color is **42.0159, 38.4070, 12.5960**, and **7.0751, 5.6754, 0.7226** is the 20% darker color. If you saturate the color by 10%, you get **18.6534, 15.6800, 2.3913**, and if you desaturate by 10%, it is **20.4241, 18.6001, 4.8968**.

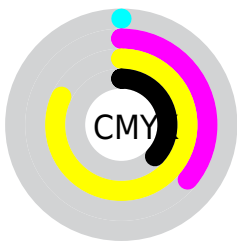
Distribution



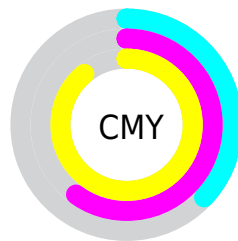
- Red (63%)
- Green (40%)
- Blue (11%)



- Red (51%)
- Yellow (63%)
- Blue (11%)



- Cyan (0%)
- Magenta (36%)
- Yellow (82%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4582, 17.0602, 3.3660 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 19.4582, 17.0602, 3.3660 by changing the saturation by 10% instead.

■ 19.4582, 17.0602,
3.3660

■ 19.4582, 17.0602,
3.3660

241.8566,
235.5191, 140.8938

■ 12.1078, 10.2774,
1.2844

■ 42.0178, 38.4293,
12.5189

■ 6.8899, 5.5833,
0.0490

■ 57.9578, 53.7843,
20.4274

■ 3.4390, 2.5934,
0.0000

■ 77.4916, 72.7656,
31.1152

■ 1.3900, 0.9233,
0.0000

■ 100.9847, 95.7575,
45.0009

■ 0.2491, 0.0000,
0.0000

■ 128.8024,
123.1444, 62.5031

■ 0.0000, 0.0000,
0.0000

■ 161.3100,

155.3107, 84.0403

198.8730,
192.6408, 110.0310

19.4582, 17.0602,
3.3660

19.4582, 17.0602,
3.3660

18.6534, 15.6800,
2.3913

20.4241, 18.6001,
4.8968

18.1281, 14.7356,
1.8888

21.5656, 20.3054,
7.0580

22.8964, 22.1847,
9.9132

24.4281, 24.2446,
13.5180

26.1716, 26.4914,
17.9220

■ 28.1364, 28.9310,
23.1709

■ 30.3319, 31.5690,
29.3066

■ 32.7664, 34.4107,
36.3685

■ 35.4482, 37.4611,
44.3932

Harmonies

Analogous

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



24.0924, 17.0602, 6.4362



19.4582, 17.0602, 3.3660



14.6823, 17.0602, 3.0189

Triad

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



19.4582, 17.0602, 3.3660



8.8846, 17.0602, 23.4913



22.7236, 17.0602, 45.9797

Complementary

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



19.4582, 17.0602, 3.3660



10.1517, 9.4401, 34.5445

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.



17.8513, 17.0602, 57.1334



19.4582, 17.0602, 3.3660



10.2747, 17.0602, 40.5887

Square

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



19.4582, 17.0602, 3.3660



9.1499, 17.0602, 11.1423



13.3542, 17.0602, 54.7901



26.2142, 17.0602, 28.7438

Rectangle

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



19.4582, 17.0602, 3.3660



12.1090, 17.0602, 4.0315



13.3542, 17.0602, 54.7901



21.1583, 17.0602, 50.8673

Sweetspot

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



19.4586, 17.0611, 3.3663



49.9804, 51.1718, 39.0629



16.6492, 8.9989, 9.9625



10.7031, 10.9024, 7.8758



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.



19.4586, 17.0611, 3.3663



32.8301, 26.5662, 3.4575



25.9928, 32.0366, 5.9125



6.9260, 7.2320, 7.0165



14.1661, 11.5677, 1.4862



0.2950, 0.2903, 0.0405

Inverse Universe

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



10.1517, 9.4401, 34.5445



15.4653, 12.4582, 61.9761



7.4402, 3.7191, 33.5832



6.5125, 6.8908, 8.3935



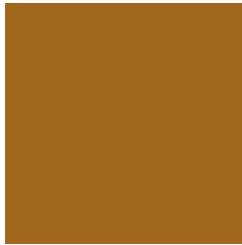
6.7060, 5.5035, 26.6161



0.1613, 0.1813, 0.4897

Previews

White Background



This preview shows how the XYZ color 19.4582, 17.0602, 3.3660 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 19.4582, 17.0602, 3.3660 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 19.4582, 17.0602, 3.3660

Background



This preview shows how black text looks on a background with the XYZ color 19.4582, 17.0602, 3.3660.



This preview shows how white text looks on a background with the XYZ color 19.4582, 17.0602,

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

19.4582, 17.0602, 3.3660

Protanopia

15.4313, 17.0275, 3.7696

Deuteranopia

17.3106, 17.0230, 3.2375



Tritanopia

21.8003, 17.0362, 14.7097

Trichromacy



Original Color

19.4582, 17.0602, 3.3660

Protanomaly

16.6255, 16.8210, 3.5988

Deuteranomaly

17.9072, 16.8623, 3.2306

Tritanomaly

20.7419, 17.0299, 8.8505

Monochromacy



Original Color

19.4582, 17.0602, 3.3660

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9010, 15.9863, 10.0322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4582, 17.0602, 3.3660 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(160, 102, 28)` looks like.

```
.text, #text, p{  
    color:rgb(160, 102, 28)  
}
```

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(160, 102, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 102, 28) }
```

Border

The CSS property to change the border of an element to XYZ 19.4582, 17.0602, 3.3660 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(160, 102, 28) }
```


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

```
.border{ border-color:rgb(160, 102, 28) }
```

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

Here you see how a box with a 4 pixel rgb(160, 102, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 102, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 102, 28);  
box-shadow:4px 4px 4px 4px rgb(160, 102,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4582, 17.0602, 3.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 102, 28) }
```

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

```
.background{ background-color: rgb(160,  
102, 28) }
```

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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