

Converting Colors

XYZ(17.4449, 9.5399, 7.5075)

Have a look what the booklet for
XYZ(17.4449, 9.5399, 7.5075)
contains.

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Color

**XYZ(17.4602, 9.5435,
7.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	A61E4B
RGB	166, 30, 75
RGB Percent	65%, 12%, 29%
CMY	0.3490, 0.8823, 0.7059
CMYK	0.00, 0.82, 0.55, 0.35
HSL	340°, 69%, 38%
HSV	340°, 82%, 65%
XYZ	17.4602, 9.5435, 7.5784
YIQ	75.7940, 66.6110, 42.8270

Conversions

Conversions Part 2

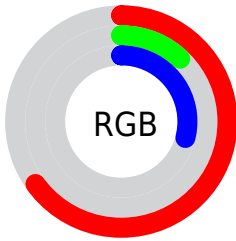
Format	Color
R_{YB}	166, 30, 75
Decimal	10886731
CIE _{Lab}	37.01, 55.74, 9.13
CIE _{LCh}	37, 56.482, 9.300
Yxy	9.5435, 0.5049, 0.2760
Android (android.graphics.Color)	4289076811 (0xFFA61E4B)
YUV	75.7940, -0.3914, 79.1107
Hunter-Lab	30.8926, 46.8247, 7.0801

Details

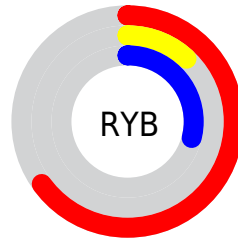
The XYZ color **17.4602, 9.5435, 7.5784** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **17.6238, 28.9294, 22.7475**, and the grayscale version is **6.8248, 7.1803, 7.8193**.

A 20% lighter version of the original color is **38.5953, 24.9111, 21.5130**, and **6.4451, 3.2924, 1.6623** is the 20% darker color. If you saturate the color by 10%, you get **16.7975, 8.7744, 5.6427**, and if you desaturate by 10%, it is **18.4110, 10.7826, 9.9379**.

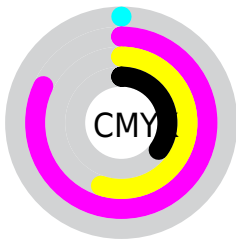
Distribution



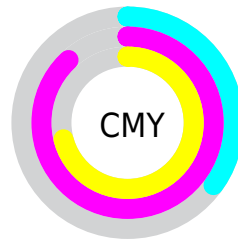
- Red (65%)
- Green (12%)
- Blue (29%)



- Red (65%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (55%)
- Black (35%)





- Cyan (35%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4602, 9.5435, 7.5784 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 17.4602, 9.5435, 7.5784 by changing the saturation by 10% instead.


 17.4602, 9.5435,
7.5784


 17.4602, 9.5435,
7.5784


230.9155,
187.3822, 182.1961


 10.6605, 5.0974,
3.7425


 38.6527, 24.9333,
21.6601


 5.9046, 2.3045,
1.4852

 53.7761, 36.6457,
32.7429


 2.8273, 0.7761,
0.2068

 72.4049, 51.5489,
47.0785

 1.0631, 0.0000,
0.0000

 94.9043, 70.0275,
65.0853

 0.0000, 0.0000,
0.0000

 121.6397, 92.4657,
87.1819

 152.9765,

119.2479, 113.7869

189.2800,
150.7586, 145.3188

■ 17.4602, 9.5435,
7.5784

■ 17.4602, 9.5435,
7.5784

■ 16.7975, 8.7744,
5.6427

■ 18.4110, 10.7826,
9.9379

■ 16.4135, 8.3821,
4.3570

■ 19.6829, 12.5524,
12.7477

■ 21.3048, 14.9062,
16.0324

■ 23.3021, 17.8901,
19.8143

■ 25.6978, 21.5458,
24.1143

■ 28.5130, 25.9112,
28.9519

■ 31.7670, 31.0215,
34.3455

■ 35.4781, 36.9095,
40.3126

■ 39.6636, 43.6060,
46.8702

Harmonies

Analogous

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



16.9306, 9.5435, 18.7965



17.4602, 9.5435, 7.5784



15.3354, 9.5435, 2.3421

Triad

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



17.4602, 9.5435, 7.5784



5.4424, 9.5435, 1.4762



6.8948, 9.5435, 40.8381

Complementary

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



17.4602, 9.5435, 7.5784



17.6238, 28.9294, 22.7475

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.



4.7977, 9.5435, 27.9928



17.4602, 9.5435, 7.5784



4.1212, 9.5435, 4.9609

Square

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



17.4602, 9.5435, 7.5784



8.0265, 9.5435, 0.5643



3.9202, 9.5435, 13.8260



10.2019, 9.5435, 43.3544

Rectangle

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



17.4602, 9.5435, 7.5784



12.9567, 9.5435, 1.0694



3.9202, 9.5435, 13.8260



6.0517, 9.5435, 37.3178

Sweetspot

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



17.4604, 9.5441, 7.5785



49.8488, 44.0680, 49.3206



15.1865, 7.7234, 36.7668



10.7702, 9.2647, 10.3747



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.4604, 9.5441, 7.5785



29.8447, 15.3102, 7.9688



17.2187, 10.7175, 2.3901



7.6297, 7.5817, 8.3670



12.7476, 6.5077, 3.4823



0.3337, 0.1677, 0.2086

Inverse Universe

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



17.4604, 9.5441, 7.5785



29.8447, 15.3102, 7.9688



17.2915, 22.7750, 39.5611



7.6297, 7.5817, 8.3670



12.7476, 6.5077, 3.4823



0.3337, 0.1677, 0.2086

Previews

White Background



This preview shows how the XYZ color 17.4602, 9.5435, 7.5784 looks on a white background.

Color Contrast Check

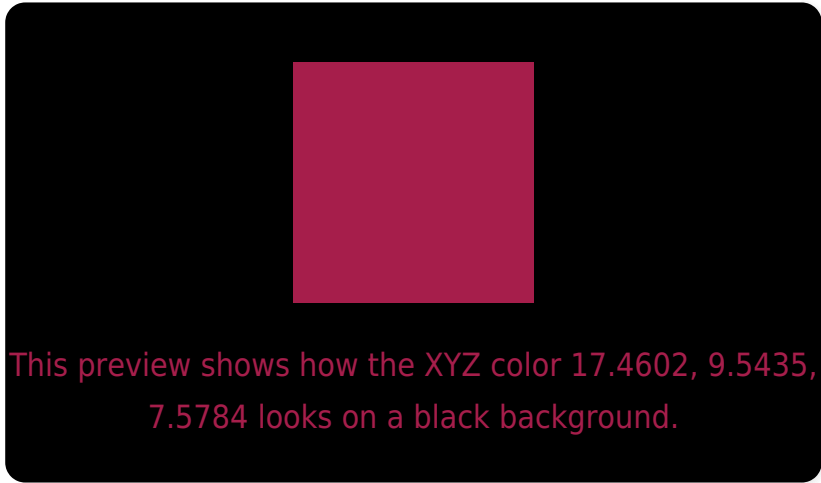
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

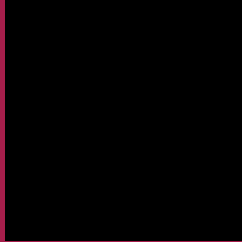
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4602, 9.5435, 7.5784

Background



This preview shows how black text looks on a background with the XYZ color 17.4602, 9.5435, 7.5784.



This preview shows how white text looks on a background with the XYZ color 17.4602, 9.5435,

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

17.4602, 9.5435, 7.5784

Protanopia

9.7347, 9.9102, 14.4965

Deuteranopia

10.0316, 9.8697, 7.0065



Tritanopia

16.4689, 9.5702, 3.0770

Trichromacy



Original Color

17.4602, 9.5435, 7.5784

Protanomaly

10.9224, 8.3820, 11.3981

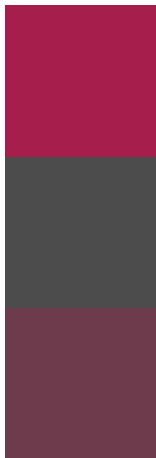
Deuteranomaly

11.7800, 8.7476, 7.0288

Tritanomaly

16.7905, 9.5181, 4.3204

Monochromacy



Original Color

17.4602, 9.5435, 7.5784

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

9.1751, 6.9009, 7.6859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4602, 9.5435, 7.5784 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(166, 30, 75)` looks like.

```
.text, #text, p{  
    color:rgb(166, 30, 75)  
}
```

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(166, 30, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 30, 75) }
```

Border

The CSS property to change the border of an element to XYZ 17.4602, 9.5435, 7.5784 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(166, 30, 75) }
```


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

```
.border{ border-color:rgb(166, 30, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 30, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 30, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 30, 75);  
box-shadow:4px 4px 4px 4px rgb(166, 30,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4602, 9.5435, 7.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 30, 75) }
```

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

```
.background{ background-color: rgb(166, 30,  
75) }
```

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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