

Converting Colors

XYZ(17.1032, 8.6822, 6.8903)

Have a look what the booklet for
XYZ(17.1032, 8.6822, 6.8903)
contains.

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Color

**XYZ(17.1060, 8.6834,
6.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	A70048
RGB	167, 0, 72
RGB Percent	65%, 0%, 28%
CMY	0.3451, 0.9999, 0.7176
CMYK	0.00, 1.00, 0.57, 0.35
HSL	334°, 100%, 33%
HSV	334°, 100%, 65%
XYZ	17.1060, 8.6834, 6.9054
YIQ	58.1410, 76.4200, 57.7960

Conversions

Conversions Part 2

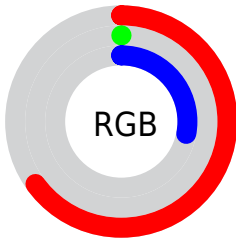
Format	Color
R_{YB}	167, 0, 72
Decimal	10944584
CIE _{Lab}	35.37, 60.89, 8.81
CIE _{LCh}	35, 61.520, 8.230
Yxy	8.6834, 0.5232, 0.2656
Android (android.graphics.Color)	4289134664 (0xFFA70048)
YUV	58.1410, 6.8325, 95.4693
Hunter-Lab	29.4676, 52.0513, 6.7334

Details

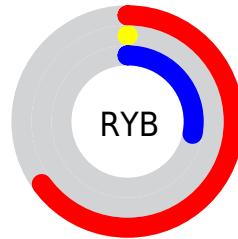
The XYZ color **17.1060, 8.6834, 6.9054** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **15.8858, 28.4641, 15.4901**, and the grayscale version is **4.0267, 4.2364, 4.6134**.

A 20% lighter version of the original color is **38.1095, 23.2988, 20.2578**, and **6.4061, 3.2769, 1.4573** is the 20% darker color. If you saturate the color by 10%, you get **17.1054, 8.6831, 6.9025**, and if you desaturate by 10%, it is **17.6366, 9.2096, 8.7317**.

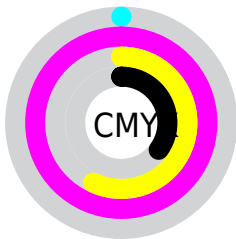
Distribution



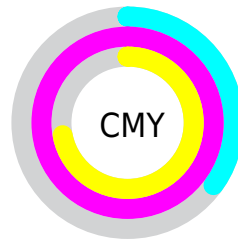
- Red (65%)
- Green (0%)
- Blue (28%)



- Red (65%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (35%)





- Cyan (35%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1060, 8.6834, 6.9054 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 17.1060, 8.6834, 6.9054 by changing the saturation by 10% instead.


 17.1060, 8.6834,
6.9054


 17.1060, 8.6834,
6.9054


228.9268,
180.9982, 176.4763


 10.4059, 4.5353,
3.3255


 38.0501, 23.2877,
20.2923


 5.7332, 1.9773,
1.2631

 53.0247, 34.5126,
30.9363


 2.7226, 0.5942,
0.0313

 71.4883, 48.8653,
44.7720

 1.0088, 0.0000,
0.0000

 93.8061, 66.7301,
62.2181

 0.0000, 0.0000,
0.0000

 120.3435, 88.4913,
83.6930

 151.4658,

114.5335, 109.6154

187.5385,
145.2410, 140.4036

17.1060, 8.6834,
6.9054

17.1060, 8.6834,
6.9054

17.1054, 8.6831,
6.9025

17.6366, 9.2096,
8.7317

18.3805, 10.0825,
10.8757

19.4071, 11.4376,
13.3700

20.7480, 13.3354,
16.2342

22.4305, 15.8273,
19.4860

■ 24.4784, 18.9590,
23.1416

■ 26.9138, 22.7712,
27.2161

■ 29.7564, 27.3017,
31.7237

■ 33.0249, 32.5851,
36.6780

Harmonies

Analogous

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



16.4326, 8.6834, 18.8061



17.1060, 8.6834, 6.9054



14.9227, 8.6834, 1.7523

Triad

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



17.1060, 8.6834, 6.9054



4.6861, 8.6834, 0.8846



5.9557, 8.6834, 42.0939

Complementary

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



17.1060, 8.6834, 6.9054



15.8858, 28.4641, 15.4901

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.



3.9429, 8.6834, 27.6392



17.1060, 8.6834, 6.9054



3.3711, 8.6834, 3.8684

Square

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



17.1060, 8.6834, 6.9054



7.3071, 8.6834, 0.0065



3.1453, 8.6834, 12.5650



9.2778, 8.6834, 45.4320

Rectangle

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



17.1060, 8.6834, 6.9054



12.4312, 8.6834, 0.6066



3.1453, 8.6834, 12.5650



5.1352, 8.6834, 38.0448

Sweetspot

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



17.1062, 8.6839, 6.9055



47.9378, 40.3660, 48.3133



11.6579, 5.2046, 36.9490



10.3162, 8.3862, 10.1328



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.



17.1062, 8.6839, 6.9055



30.5358, 15.5114, 11.8402



16.0579, 8.4585, 0.7872



7.6603, 7.5940, 8.5285



13.1130, 6.6539, 5.4066



0.3449, 0.1722, 0.2676

Inverse Universe

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



17.1062, 8.6839, 6.9055



30.5358, 15.5114, 11.8402



18.8417, 26.5228, 40.6852



7.6603, 7.5940, 8.5285



13.1130, 6.6539, 5.4066



0.3449, 0.1722, 0.2676

Previews

White Background



This preview shows how the XYZ color 17.1060, 8.6834, 6.9054 looks on a white background.

Color Contrast Check

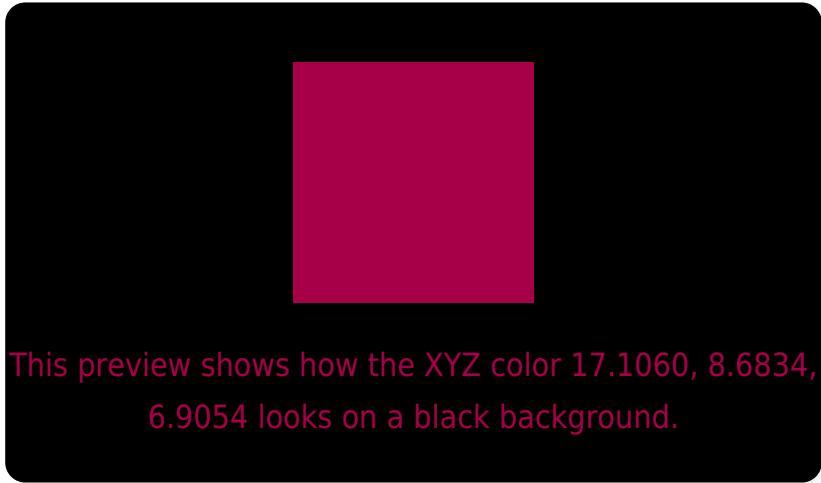
Large Text (above 18pt) WCAG AA ✓ Pass

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

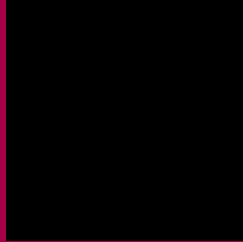
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1060, 8.6834, 6.9054

Background



This preview shows how black text looks on a background with the XYZ color 17.1060, 8.6834, 6.9054.



This preview shows how white text looks on a background with the XYZ color 17.1060, 8.6834,

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

17.1060, 8.6834, 6.9054

Protanopia

9.2780, 9.3108, 14.6728

Deuteranopia

9.4142, 9.3349, 6.3067



Tritanopia

16.1660, 8.9619, 1.9764

Trichromacy



Original Color

17.1060, 8.6834, 6.9054

Protanomaly

10.1050, 6.9394, 11.1628

Deuteranomaly

10.7739, 7.3235, 6.3146

Tritanomaly

16.3968, 8.7215, 3.2021

Monochromacy



Original Color

17.1060, 8.6834, 6.9054

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

6.5958, 4.2787, 5.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1060, 8.6834, 6.9054 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(167, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(167, 0, 72)  
}
```

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(167, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 0, 72) }
```

Border

The CSS property to change the border of an element to XYZ 17.1060, 8.6834, 6.9054 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(167, 0, 72) }
```


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

```
.border{ border-color:rgb(167, 0, 72) }
```

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

Here you see how a box with a 4 pixel rgb(167, 0, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(167, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.1060, 8.6834, 6.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 0, 72) }
```

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

```
.background{ background-color: rgb(167, 0,  
72) }
```

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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