

Converting Colors

XYZ(17.9153, 8.9586, 13.3553)

Have a look what the booklet for
XYZ(17.9153, 8.9586, 13.3553)
contains.

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Color

**XYZ(17.9153, 8.9586,
13.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	A50066
RGB	165, 0, 102
RGB Percent	65%, 0%, 40%
CMY	0.3529, 0.9999, 0.6000
CMYK	0.00, 1.00, 0.38, 0.35
HSL	323°, 100%, 32%
HSV	323°, 100%, 65%
XYZ	17.9153, 8.9586, 13.3553
YIQ	60.9630, 65.5980, 66.7020

Conversions

Conversions Part 2

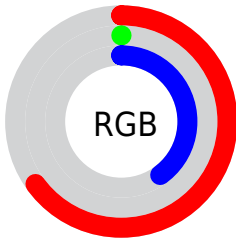
Format	Color
R_{YB}	165, 0, 102
Decimal	10813542
CIE _{Lab}	35.90, 62.95, -9.88
CIE _{LCh}	36, 63.725, 351.080
Yxy	8.9586, 0.4453, 0.2227
Android (android.graphics.Color)	4289003622 (0xFFA50066)
YUV	60.9630, 20.2312, 91.2404
Hunter-Lab	29.9309, 54.4629, -5.5038

Details

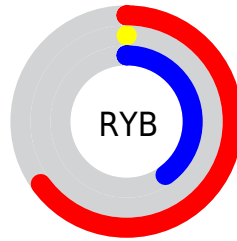
The XYZ color **17.9153, 8.9586, 13.3553** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **14.3532, 27.2695, 9.2128**, and the grayscale version is **4.3977, 4.6267, 5.0385**.

A 20% lighter version of the original color is **39.2862, 23.7392, 32.6485**, and **6.7530, 3.4016, 3.9151** is the 20% darker color. If you saturate the color by 10%, you get **17.9149, 8.9585, 13.3532**, and if you desaturate by 10%, it is **18.4330, 9.4747, 15.1288**.

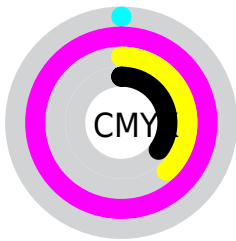
Distribution



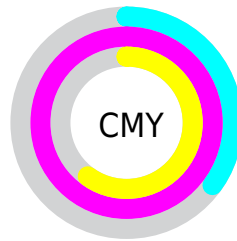
- Red (65%)
- Green (0%)
- Blue (40%)



- Red (65%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9153, 8.9586, 13.3553 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 17.9153, 8.9586, 13.3553 by changing the saturation by 10% instead.

■ 17.9153, 8.9586,
13.3553

■ 17.9153, 8.9586,
13.3553

233.4480,
183.0687, 224.4696

■ 10.9885, 4.7142,
7.5401

■ 39.4242, 23.8174,
32.6411

■ 6.1263, 2.0806,
3.7186

■ 54.7369, 35.2005,
46.9488

■ 2.9635, 0.6537,
1.4723

■ 73.5758, 49.7320,
64.9244

■ 1.1345, 0.0000,
0.1971

■ 96.3060, 67.7962,
86.9864

■ 0.0537, 0.0000,
0.0000

■ 123.2930, 89.7777,
113.5534

■ 0.0000, 0.0000,
0.0000

■ 154.9021,

116.0606, 145.0439

191.4986,
147.0295, 181.8764

■ 17.9153, 8.9586,
13.3553

■ 17.9153, 8.9586,
13.3553

■ 17.9149, 8.9585,
13.3532

■ 18.4330, 9.4747,
15.1288

■ 19.1331, 10.3169,
17.0827

■ 20.0825, 11.6179,
19.2419

■ 21.3106, 13.4359,
21.6184

■ 22.8424, 15.8203,
24.2231

■ 24.7002, 18.8148,
27.0654

■ 26.9040, 22.4587,
30.1543

■ 29.4721, 26.7880,
33.4979

■ 32.4216, 31.8362,
37.1041

Harmonies

Analogous

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



15.5230, 8.9586, 29.5753



17.9153, 8.9586, 13.3553



17.2682, 8.9586, 4.0152

Triad

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



17.9153, 8.9586, 13.3553



6.1568, 8.9586, 0.1708



4.7130, 8.9586, 36.6078

Complementary

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



17.9153, 8.9586, 13.3553



14.3532, 27.2695, 9.2128

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.



3.3703, 8.9586, 19.3327



17.9153, 8.9586, 13.3553



4.0158, 8.9586, 1.6464

Square

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



17.9153, 8.9586, 13.3553



9.6936, 8.9586, 0.0000



3.1598, 8.9586, 6.8670



7.4358, 8.9586, 48.2181

Rectangle

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



17.9153, 8.9586, 13.3553



15.2614, 8.9586, 1.4693



3.1598, 8.9586, 6.8670



4.1236, 8.9586, 30.8540

Sweetspot

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



17.9156, 8.9591, 13.3554



47.9440, 39.8227, 53.6809



8.6864, 3.6938, 35.8525



10.1239, 8.1117, 11.2439



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.9156, 8.9591, 13.3554



31.9825, 16.0033, 23.3783



15.6623, 8.0578, 1.4898



7.2491, 7.1561, 8.2982



13.5777, 6.7871, 10.2329



0.3073, 0.1514, 0.3307

Inverse Universe

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



17.9156, 8.9591, 13.3554



31.9825, 16.0033, 23.3783



18.4135, 28.8937, 30.5943



7.2491, 7.1561, 8.2982



13.5777, 6.7871, 10.2329



0.3073, 0.1514, 0.3307

Previews

White Background



This preview shows how the XYZ color 17.9153, 8.9586, 13.3553 looks on a white background.

Color Contrast Check

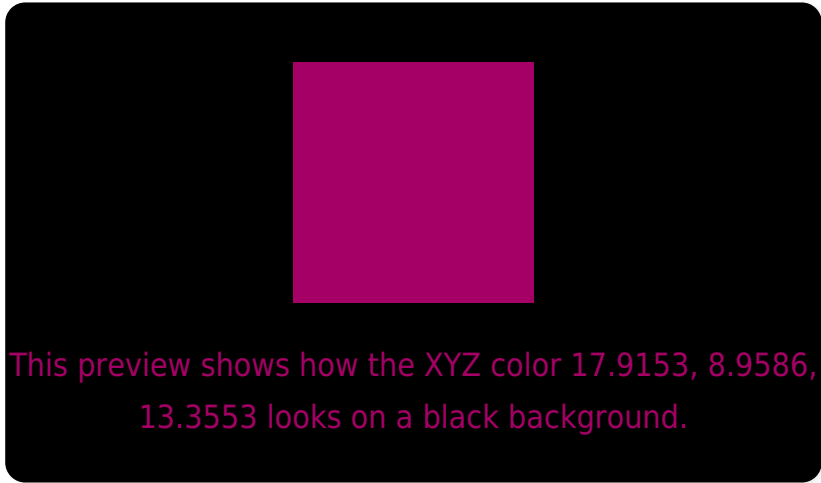
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9153, 8.9586, 13.3553

Background



This preview shows how black text looks on a background with the XYZ color 17.9153, 8.9586, 13.3553.



This preview shows how white text looks on a background with the XYZ color 17.9153, 8.9586,

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

17.9153, 8.9586, 13.3553

Protanopia

10.4234, 9.5965, 28.4971

Deuteranopia

9.7277, 9.5985, 12.1665



Tritanopia

15.8747, 9.2618, 3.1415

Trichromacy



Original Color

17.9153, 8.9586, 13.3553

Protanomaly

10.4940, 6.9027, 21.8983

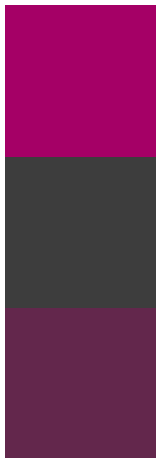
Deuteranomaly

11.1315, 7.4421, 12.4050

Tritanomaly

16.1733, 8.7468, 5.6864

Monochromacy



Original Color

17.9153, 8.9586, 13.3553

Achromatopsia

4.4355, 4.6665, 5.0818

Achromatomaly

7.1756, 4.6255, 7.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9153, 8.9586, 13.3553 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(165, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(165, 0, 102)  
}
```

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(165, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 0, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.9153, 8.9586, 13.3553 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(165, 0, 102) }
```


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

```
.border{ border-color:rgb(165, 0, 102) }
```

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

Here you see how a box with a 4 pixel rgb(165, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(165, 0,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9153, 8.9586, 13.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 0, 102) }
```

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

```
.background{ background-color: rgb(165, 0,  
102) }
```

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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