

Converting Colors

XYZ(17.0186, 8.7437, 2.1359)

Have a look what the booklet for
XYZ(17.0186, 8.7437, 2.1359)
contains.

XYZ(17.0553, 8.7622, 2.1589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.0553, 8.7622,
2.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0020
RGB	171, 0, 32
RGB Percent	67%, 0%, 13%
CMY	0.3294, 0.9999, 0.8745
CMYK	0.00, 1.00, 0.81, 0.33
HSL	349°, 100%, 34%
HSV	349°, 100%, 67%
XYZ	17.0553, 8.7622, 2.1589
YIQ	54.7770, 91.6440, 46.2040

Conversions

Conversions Part 2

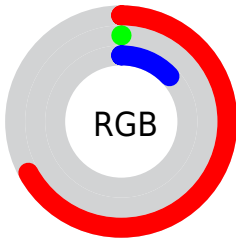
Format	Color
R_{YB}	171, 0, 32
Decimal	11206688
CIE Lab	35.52, 59.94, 34.70
CIE LCh	36, 69.259, 30.067
Yxy	8.7622, 0.6096, 0.3132
Android (android.graphics.Color)	4289396768 (0xFFAB0020)
YUV	54.7770, -11.2291, 101.9276
Hunter-Lab	29.6010, 51.0451, 16.3965

Details

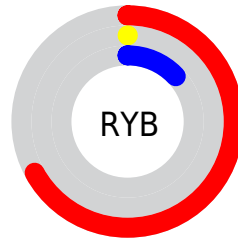
The XYZ color **17.0553, 8.7622, 2.1589** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **19.2253, 30.9906, 29.4048**, and the grayscale version is **3.6107, 3.7987, 4.1368**.

A 20% lighter version of the original color is **37.9956, 23.4770, 9.5501**, and **6.3067, 3.2512, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **17.0549, 8.7620, 2.1573**, and if you desaturate by 10%, it is **17.4881, 9.2592, 3.4402**.

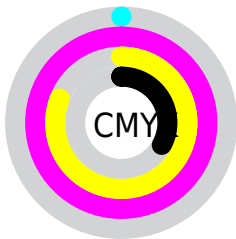
Distribution



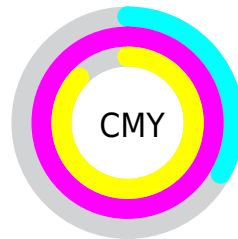
- Red (67%)
- Green (0%)
- Blue (13%)



- Red (67%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (81%)
- Black (33%)





- Cyan (33%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0553, 8.7622, 2.1589 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 17.0553, 8.7622, 2.1589 by changing the saturation by 10% instead.


 17.0553, 8.7622,
2.1589


 17.0553, 8.7622,
2.1589


228.6409,
181.5939, 124.7973


 10.3695, 4.5864,
0.6505


 37.9637, 23.4397,
9.4708


 5.7088, 2.0067,
0.0000

 52.9169, 34.7101,
16.1443


 2.7078, 0.6114,
0.0000

 71.3567, 49.1143,
25.3874

 1.0012, 0.0000,
0.0000

 93.6484, 67.0365,
37.6187


 0.0000, 0.0000,
0.0000


 120.1573, 88.8611,
53.2569


 151.2487,

114.9727, 72.7203


 187.2882,
145.7554, 96.4276


 17.0553, 8.7622,
2.1589


 17.0553, 8.7622,
2.1589


 17.0549, 8.7620,
2.1573

 17.4881, 9.2592,
3.4402

 18.1835, 10.1392,
5.2467

 19.2189, 11.5447,
7.6424

 20.6329, 13.5422,
10.6743

 22.4588, 16.1879,
14.3846

■ 24.7261, 19.5318,
18.8115

■ 27.4617, 23.6188,
23.9906

■ 30.6901, 28.4900,
29.9548

■ 34.4342, 34.1836,
36.7353

Harmonies

Analogous

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



18.8026, 8.7622, 9.5144



17.0553, 8.7622, 2.1589



12.8526, 8.7622, 0.0857

Triad

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



17.0553, 8.7622, 2.1589



3.2363, 8.7622, 2.1758



8.3374, 8.7622, 53.7755

Complementary

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



17.0553, 8.7622, 2.1589



19.2253, 30.9906, 29.4048

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.



5.0139, 8.7622, 44.8883



17.0553, 8.7622, 2.1589



2.7138, 8.7622, 9.5668

Square

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



17.0553, 8.7622, 2.1589



5.0026, 8.7622, 0.0913



3.2412, 8.7622, 25.6567



12.8738, 8.7622, 44.8148

Rectangle

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



17.0553, 8.7622, 2.1589



9.7458, 8.7622, 0.0000



3.2412, 8.7622, 25.6567



7.0552, 8.7622, 52.7231

Sweetspot

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



17.0555, 8.7628, 2.1590



48.8926, 41.8644, 42.4233



17.6355, 8.2428, 39.1893



10.4370, 8.6376, 8.5835



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.0555, 8.7628, 2.1590



30.4871, 15.6694, 3.5604



17.9924, 11.0536, 1.1861



8.0642, 8.0389, 8.6487



12.8719, 6.6113, 1.7048



0.3757, 0.1910, 0.1403

Inverse Universe

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



17.0555, 8.7628, 2.1590



30.4871, 15.6694, 3.5604



14.0324, 16.3032, 40.9351



8.0642, 8.0389, 8.6487



12.8719, 6.6113, 1.7048



0.3757, 0.1910, 0.1403

Previews

White Background



This preview shows how the XYZ color 17.0553, 8.7622, 2.1589 looks on a white background.

Color Contrast Check

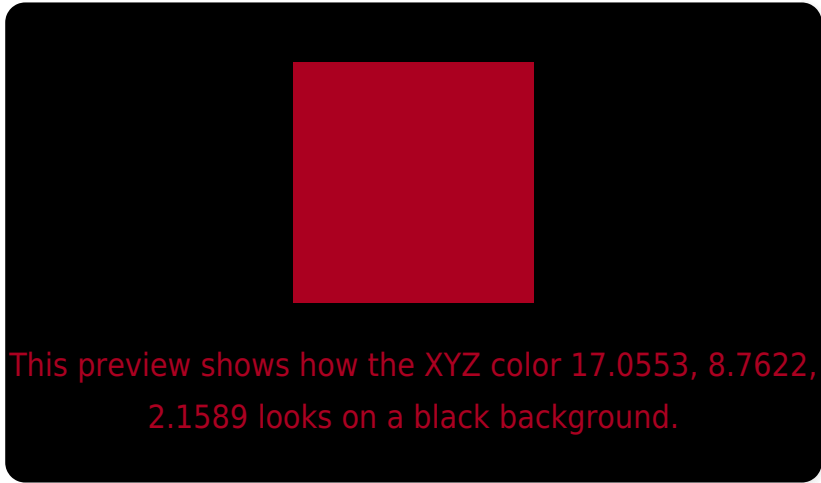
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0553, 8.7622, 2.1589

Background



This preview shows how black text looks on a background with the XYZ color 17.0553, 8.7622, 2.1589.



This preview shows how white text looks on a background with the XYZ color 17.0553, 8.7622,

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

17.0553, 8.7622, 2.1589

Protanopia

8.7032, 9.4796, 4.3886

Deuteranopia

9.4331, 9.3295, 1.8759



Tritanopia

16.7484, 8.8877, 0.8328

Trichromacy



Original Color

17.0553, 8.7622, 2.1589

Protanomaly

9.9706, 7.1177, 3.1339

Deuteranomaly

10.8984, 7.4234, 1.6691

Tritanomaly

16.7525, 8.7897, 1.1614

Monochromacy



Original Color

17.0553, 8.7622, 2.1589

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

6.0439, 3.9487, 3.1329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0553, 8.7622, 2.1589 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(171, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 32)  
}
```

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(171, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 32) }
```

Border

The CSS property to change the border of an element to XYZ 17.0553, 8.7622, 2.1589 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(171, 0, 32) }
```


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

```
.border{ border-color:rgb(171, 0, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 0, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 32)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0553, 8.7622, 2.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 32) }
```

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

```
.background{ background-color: rgb(171, 0,  
32) }
```

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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