

Converting Colors

XYZ(27.1253, 15.5614, 3.1798)

Have a look what the booklet for
XYZ(27.1253, 15.5614, 3.1798)
contains.

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Color

**XYZ(27.1338, 15.5834,
3.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	CF3123
RGB	207, 49, 35
RGB Percent	81%, 19%, 14%
CMY	0.1882, 0.8078, 0.8627
CMYK	0.00, 0.76, 0.83, 0.19
HSL	5°, 71%, 47%
HSV	5°, 83%, 81%
XYZ	27.1338, 15.5834, 3.1679
YIQ	94.6460, 98.6620, 29.1420

Conversions

Conversions Part 2

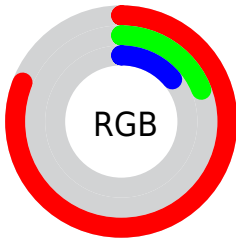
Format	Color
R_{YB}	207, 50, 35
Decimal	13578531
CIE _{Lab}	46.42, 60.16, 46.11
CIE _{LCh}	46, 75.801, 37.470
Yxy	15.5834, 0.5913, 0.3396
Android (android.graphics.Color)	4291768611 (0xFFCF3123)
YUV	94.6460, -29.4055, 98.5345
Hunter-Lab	39.4758, 53.6097, 22.8751

Details

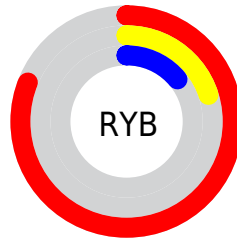
The XYZ color **27.1338, 15.5834, 3.1679** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **31.0226, 42.9965, 65.6950**, and the grayscale version is **10.8454, 11.4102, 12.4257**.

A 20% lighter version of the original color is **48.1256, 32.5943, 11.7375**, and **11.5016, 5.9293, 0.5383** is the 20% darker color. If you saturate the color by 10%, you get **26.2775, 14.2263, 1.7872**, and if you desaturate by 10%, it is **28.5071, 17.6853, 5.6142**.

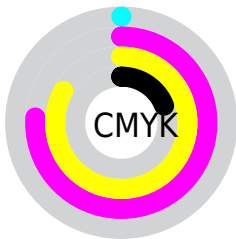
Distribution



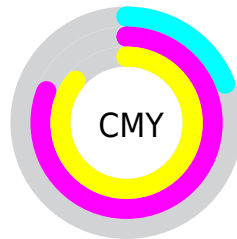
- Red (81%)
- Green (19%)
- Blue (14%)



- Red (81%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (76%)
- Yellow (83%)
- Black (19%)





- Cyan (19%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1338, 15.5834, 3.1679 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 27.1338, 15.5834, 3.1679 by changing the saturation by 10% instead.


 27.1338, 15.5834,
3.1679


 27.1338, 15.5834,
3.1679


280.4601,
226.8707, 138.4712


 17.8108, 9.2298,
1.1810


 54.5169, 35.8734,
12.0400


 10.9131, 4.8914,
0.0000


 73.3077, 50.5787,
19.7623

 6.0753, 2.1837,
0.0000


 95.9852, 68.8367,
30.2334

 2.9320, 0.7111,
0.0000

 122.9147, 91.0317,
43.8720

 1.1179, 0.0000,
0.0000

 154.4616,
117.5483, 61.0965


 0.0400, 0.0000,
0.0000


 190.9912,


 0.0000, 0.0000,


148.7707, 82.3255


0.0000


 232.8690,
185.0834, 107.9775


 27.1338, 15.5834,
3.1679


 27.1338, 15.5834,
3.1679


 26.2775, 14.2263,
1.7872


 28.5071, 17.6853,
5.6142

 25.9302, 13.6620,
1.2703

 30.4618, 20.6156,
9.2844

 33.0538, 24.4494,
14.3109

 36.3322, 29.2528,
20.8089

 40.3412, 35.0858,
28.8812

■ 45.1213, 42.0034,
38.6214

■ 50.7100, 50.0566,
50.1160

■ 57.1425, 59.2935,
63.4451

■ 64.4517, 69.7591,
78.6843

Harmonies

Analogous

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



31.0132, 15.5834, 12.7205



27.1338, 15.5834, 3.1679



20.1445, 15.5834, 0.7008

Triad

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



27.1338, 15.5834, 3.1679



5.9967, 15.5834, 6.6044



16.4993, 15.5834, 83.1151

Complementary

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



27.1338, 15.5834, 3.1679



31.0226, 42.9965, 65.6950

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.



10.5142, 15.5834, 76.2963



27.1338, 15.5834, 3.1679



5.5439, 15.5834, 22.0683

Square

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



27.1338, 15.5834, 3.1679



8.4268, 15.5834, 1.4554



6.9322, 15.5834, 49.4564



23.8066, 15.5834, 64.2901

Rectangle

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



27.1338, 15.5834, 3.1679



15.3710, 15.5834, 0.3015



6.9322, 15.5834, 49.4564



14.2658, 15.5834, 83.8944

Sweetspot

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



27.1341, 15.5843, 3.1681



70.5116, 64.7128, 58.2090



36.2436, 18.4317, 53.5935



14.4997, 12.9939, 11.2502



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.1341, 15.5843, 3.1681



41.5040, 21.7881, 2.0180



34.3500, 30.0160, 5.5734



11.8850, 11.9608, 12.2943



16.3656, 8.6642, 0.8098



0.9426, 0.5395, 0.0544

Inverse Universe

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



31.0226, 42.9965, 65.6950



47.5372, 66.1944, 104.8791



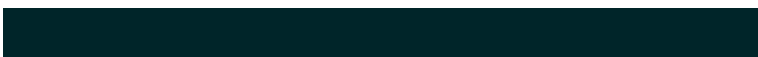
17.4813, 15.9137, 61.1812



12.0726, 13.2354, 15.1620



18.7489, 26.1445, 41.2507



1.0732, 1.5117, 2.3148

Previews

White Background



This preview shows how the XYZ color 27.1338, 15.5834, 3.1679 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 27.1338, 15.5834, 3.1679 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 27.1338, 15.5834, 3.1679

Background



This preview shows how black text looks on a background with the XYZ color 27.1338, 15.5834, 3.1679.



This preview shows how white text looks on a background with the XYZ color 27.1338, 15.5834,

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

27.1338, 15.5834, 3.1679

Protanopia

14.4504, 15.8188, 5.4237

Deuteranopia

15.9603, 15.7160, 2.6825



Tritanopia

27.2821, 15.5118, 4.3525

Trichromacy



Original Color

27.1338, 15.5834, 3.1679

Protanomaly

17.2898, 14.0389, 4.2811

Deuteranomaly

18.7130, 14.4514, 2.6137

Tritanomaly

27.2251, 15.5537, 3.8527

Monochromacy



Original Color

27.1338, 15.5834, 3.1679

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

14.0803, 11.1641, 7.7161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1338, 15.5834, 3.1679 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(207, 49, 35)` looks like.

```
.text, #text, p{  
  color:rgb(207, 49, 35)  
}
```

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(207, 49, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 49, 35) }
```

Border

The CSS property to change the border of an element to XYZ 27.1338, 15.5834, 3.1679 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(207, 49, 35) }
```


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

```
.border{ border-color:rgb(207, 49, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 49, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 49, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 49, 35);  
box-shadow:4px 4px 4px 4px rgb(207, 49,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1338, 15.5834, 3.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 49, 35) }
```

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

```
.background{ background-color: rgb(207, 49,  
35) }
```

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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