

Converting Colors

XYZ(21.7547, 13.8242, 5.3446)

Have a look what the booklet for
XYZ(21.7547, 13.8242, 5.3446)
contains.

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Color

**XYZ(21.8633, 13.9073,
5.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	B64039
RGB	182, 64, 57
RGB Percent	71%, 25%, 22%
CMY	0.2863, 0.7490, 0.7765
CMYK	0.00, 0.65, 0.69, 0.29
HSL	3°, 52%, 47%
HSV	3°, 69%, 71%
XYZ	21.8633, 13.9073, 5.4029
YIQ	98.4840, 72.5750, 22.8390

Conversions

Conversions Part 2

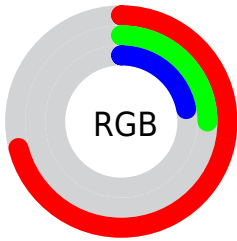
Format	Color
R_{YB}	182, 64, 57
Decimal	11943993
CIE _{Lab}	44.10, 47.31, 30.13
CIE _{LCh}	44, 56.085, 32.490
Yxy	13.9073, 0.5310, 0.3378
Android (android.graphics.Color)	4290134073 (0xFFB64039)
YUV	98.4840, -20.4516, 73.2435
Hunter-Lab	37.2925, 39.3865, 17.5149

Details

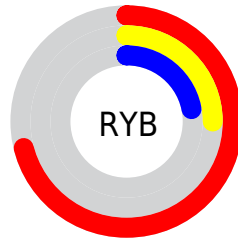
The XYZ color **21.8633, 13.9073, 5.4029** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **25.4592, 34.9040, 49.6509**, and the grayscale version is **11.7677, 12.3806, 13.4824**.

A 20% lighter version of the original color is **45.8221, 32.7767, 17.0082**, and **8.1053, 4.1693, 0.7930** is the 20% darker color. If you saturate the color by 10%, you get **20.6638, 12.1095, 3.1504**, and if you desaturate by 10%, it is **23.5245, 16.3685, 8.6122**.

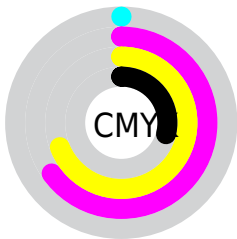
Distribution



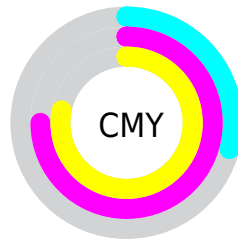
- Red (71%)
- Green (25%)
- Blue (22%)



- Red (71%)
- Yellow (25%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (69%)
- Black (29%)





- Cyan (29%)
- Magenta (75%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8633, 13.9073, 5.4029 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 21.8633, 13.9073, 5.4029 by changing the saturation by 10% instead.


 21.8633, 13.9073,
5.4029


 21.8633, 13.9073,
5.4029


254.4774,
216.6534, 162.7337


 13.8725, 8.0562,
2.4227


 46.0005, 32.9245,
17.1341

 8.1132, 4.1309,
0.7988


 62.8776, 46.8593,
26.7222


 4.2199, 1.7471,
0.0000

 83.4476, 64.2576,
39.3500

 1.8273, 0.4539,
0.0000

 108.0758, 85.5036,
55.4361

 0.5340, 0.0000,
0.0000

 137.1275,
110.9818, 75.3990

 0.0000, 0.0000,
0.0000

 170.9680,

141.0766, 99.6572

209.9629,
176.1723, 128.6292

■ 21.8633, 13.9073,
5.4029

■ 21.8633, 13.9073,
5.4029

■ 20.6638, 12.1095,
3.1504

■ 23.5245, 16.3685,
8.6122

■ 19.8784, 10.9085,
1.7480

■ 25.6869, 19.5467,
12.8681

■ 19.4416, 10.2247,
1.0178

■ 28.3869, 23.4925,
18.2511

■ 19.4020, 10.1665,
0.9397

■ 31.6572, 28.2516,
24.8334

■ 35.5279, 33.8658,
32.6812

■ 40.0270, 40.3744,
41.8560

■ 45.1806, 47.8138,
52.4152

■ 51.0136, 56.2188,
64.4128

■ 57.5494, 65.6222,
77.9000

Harmonies

Analogous

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



23.7850, 13.9073, 14.0995



21.8633, 13.9073, 5.4029



17.5940, 13.9073, 2.1285

Triad

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



21.8633, 13.9073, 5.4029



6.9723, 13.9073, 6.3880



13.5949, 13.9073, 55.3859

Complementary

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



21.8633, 13.9073, 5.4029



25.4592, 34.9040, 49.6509

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.



9.6361, 13.9073, 49.0952



21.8633, 13.9073, 5.4029



6.3625, 13.9073, 16.2361

Square

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



21.8633, 13.9073, 5.4029



9.1223, 13.9073, 2.4305



7.2186, 13.9073, 32.5623



18.3873, 13.9073, 46.7925

Rectangle

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



21.8633, 13.9073, 5.4029



14.3727, 13.9073, 1.5067



7.2186, 13.9073, 32.5623



12.1277, 13.9073, 54.9414

Sweetspot

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



21.8636, 13.9081, 5.4031



62.4260, 58.5209, 55.2150



28.5661, 15.9960, 42.5264



13.3554, 12.2981, 11.3176



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



21.8636, 13.9081, 5.4031



36.7056, 20.8027, 4.3362



27.4587, 25.0982, 7.2681



9.0439, 9.0908, 9.3849



13.7180, 7.2124, 0.6691



0.4973, 0.2817, 0.0282

Inverse Universe

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



25.4592, 34.9040, 49.6509



43.5551, 61.1579, 89.7448



16.0638, 16.1133, 46.5192



9.2224, 10.1220, 11.5471



16.3700, 23.1996, 34.8683



0.5903, 0.8442, 1.2336

Previews

White Background



This preview shows how the XYZ color 21.8633, 13.9073, 5.4029 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 21.8633, 13.9073, 5.4029 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 21.8633, 13.9073, 5.4029

Background



This preview shows how black text looks on a background with the XYZ color 21.8633, 13.9073, 5.4029.



This preview shows how white text looks on a background with the XYZ color 21.8633, 13.9073,

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

21.8633, 13.9073, 5.4029

Protanopia

13.1607, 14.1484, 8.1682

Deuteranopia

14.3388, 14.0905, 4.9816



Tritanopia

22.0523, 13.8934, 6.6737

Trichromacy



Original Color

21.8633, 13.9073, 5.4029

Protanomaly

15.3167, 13.2065, 7.0520

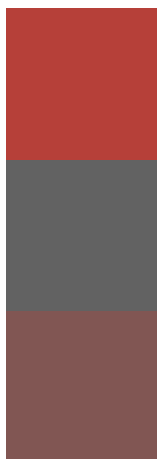
Deuteranomaly

16.4452, 13.4630, 5.1000

Tritanomaly

21.9661, 13.8590, 6.2199

Monochromacy



Original Color

21.8633, 13.9073, 5.4029

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.9424, 11.9472, 9.7548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8633, 13.9073, 5.4029 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(182, 64, 57)` looks like.

```
.text, #text, p{  
    color:rgb(182, 64, 57)  
}
```

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(182, 64, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 64, 57) }
```

Border

The CSS property to change the border of an element to XYZ 21.8633, 13.9073, 5.4029 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(182, 64, 57) }
```


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

```
.border{ border-color:rgb(182, 64, 57) }
```

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

Here you see how a box with a 4 pixel rgb(182, 64, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 64, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 64, 57);  
box-shadow:4px 4px 4px 4px rgb(182, 64,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8633, 13.9073, 5.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 64, 57) }
```

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

```
.background{ background-color: rgb(182, 64,  
57) }
```

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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