

Converting Colors

XYZ(22.5671, 15.5950, 10.4150)

Have a look what the booklet for
XYZ(22.5671, 15.5950, 10.4150)
contains.

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Color

**XYZ(22.5671, 15.5950,
10.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	B14F55
RGB	177, 79, 85
RGB Percent	69%, 31%, 33%
CMY	0.3059, 0.6902, 0.6667
CMYK	0.00, 0.55, 0.52, 0.31
HSL	356°, 39%, 50%
HSV	356°, 55%, 69%
XYZ	22.5671, 15.5950, 10.4150
YIQ	108.9860, 56.4820, 22.6420

Conversions

Conversions Part 2

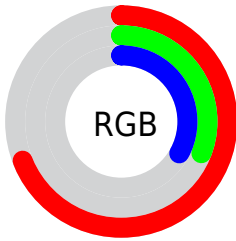
Format	Color
R_{YB}	177, 79, 85
Decimal	11620181
CIE Lab	46.44, 40.48, 16.19
CIE LCh	46, 43.595, 21.795
Yxy	15.5950, 0.4646, 0.3210
Android (android.graphics.Color)	4289810261 (0xFFB14F55)
YUV	108.9860, -11.8251, 59.6483
Hunter-Lab	39.4905, 32.8966, 12.0065

Details

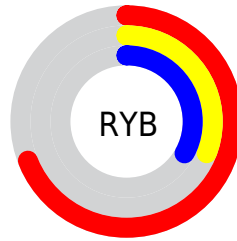
The XYZ color **22.5671, 15.5950, 10.4150** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.2982, 36.0471, 44.1026**, and the grayscale version is **14.5537, 15.3116, 16.6744**.

A 20% lighter version of the original color is **47.0815, 35.8147, 27.3531**, and **8.5207, 4.9301, 2.5100** is the 20% darker color. If you saturate the color by 10%, you get **20.8716, 13.1394, 6.9664**, and if you desaturate by 10%, it is **24.7583, 18.7940, 14.7939**.

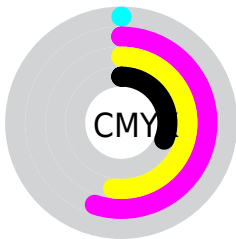
Distribution



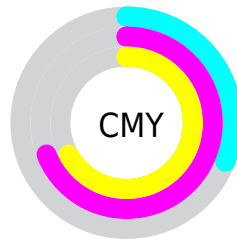
- Red (69%)
- Green (31%)
- Blue (33%)



- Red (69%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (52%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5671, 15.5950, 10.4150 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 22.5671, 15.5950, 10.4150 by changing the saturation by 10% instead.

■ 22.5671, 15.5950,
10.4150

■ 22.5671, 15.5950,
10.4150

258.0707,
226.9399, 204.2001

■ 14.3931, 9.2380,
5.5658

■ 47.1534, 35.8937,
27.1931

■ 8.4781, 4.8968,
2.5184

■ 64.2965, 50.6041,
39.9591

■ 4.4567, 2.1868,
0.8499

■ 85.1599, 68.8679,
56.2011

■ 1.9636, 0.7128,
0.0000

■ 110.1092, 91.0694,
76.3377

■ 0.6134, 0.0000,
0.0000

■ 139.5095,
117.5929, 100.7873

■ 0.0000, 0.0000,
0.0000

173.7263,

148.8229, 129.9686

213.1249,
185.1438, 164.3000

■ 22.5671, 15.5950,
10.4150

■ 22.5671, 15.5950,
10.4150

■ 20.8716, 13.1394,
6.9664

■ 24.7583, 18.7940,
14.7939

■ 19.6320, 11.3651,
4.3802

■ 27.4786, 22.7872,
20.1629

■ 18.8042, 10.2039,
2.5802

■ 30.7598, 27.6235,
26.5778

■ 18.3340, 9.5706,
1.4763

■ 34.6309, 33.3476,
34.0900

■ 18.1907, 9.3708,
1.1614

■ 39.1190, 40.0007,
42.7474

■ 44.2492, 47.6216,
52.5951

■ 50.0456, 56.2468,
63.6759

■ 56.5308, 65.9109,
76.0303

■ 63.7264, 76.6470,
89.6970

Harmonies

Analogous

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



23.1560, 15.5950, 20.0979



22.5671, 15.5950, 10.4150



19.7387, 15.5950, 5.3813

Triad

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



22.5671, 15.5950, 10.4150



9.8523, 15.5950, 7.1504



13.8182, 15.5950, 46.6752

Complementary

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



22.5671, 15.5950, 10.4150



26.2982, 36.0471, 44.1026

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.



10.7991, 15.5950, 38.8961



22.5671, 15.5950, 10.4150



8.7752, 15.5950, 14.2030

Square

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



22.5671, 15.5950, 10.4150



12.3058, 15.5950, 4.1255



9.0899, 15.5950, 25.8488



17.6610, 15.5950, 44.2397

Rectangle

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



22.5671, 15.5950, 10.4150



17.1888, 15.5950, 3.9558



9.0899, 15.5950, 25.8488



12.6842, 15.5950, 45.0818

Sweetspot

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



22.5675, 15.5958, 10.4153



60.6029, 57.6223, 58.3050



27.4108, 17.3653, 43.5018



12.8321, 12.0415, 12.0512



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.5675, 15.5958, 10.4153



36.9318, 22.8864, 11.5511



26.4375, 23.7009, 10.5797



8.5167, 8.5134, 8.9536



13.1881, 6.7928, 0.8848



0.4219, 0.2165, 0.0643

Inverse Universe

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



22.5675, 15.5958, 10.4153



36.9318, 22.8864, 11.5511



19.7601, 22.0355, 44.8065



8.5167, 8.5134, 8.9536



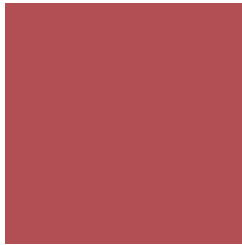
13.1881, 6.7928, 0.8848



0.4219, 0.2165, 0.0643

Previews

White Background



This preview shows how the XYZ color 22.5671, 15.5950, 10.4150 looks on a white background.

Color Contrast Check

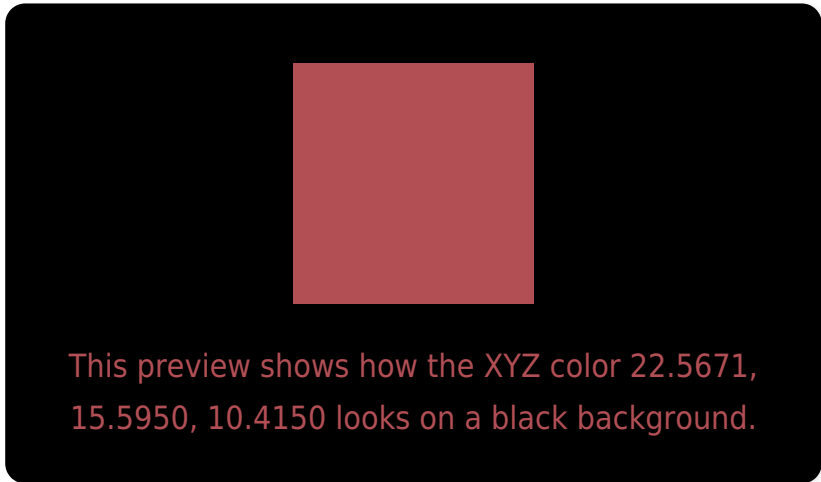
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 22.5671, 15.5950, 10.4150

Background



This preview shows how black text looks on a background with the XYZ color 22.5671, 15.5950, 10.4150.

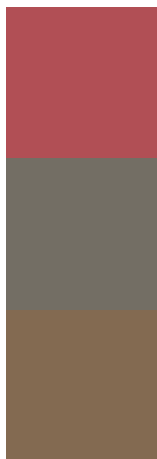


This preview shows how white text looks on a background with the XYZ color 22.5671, 15.5950,

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

22.5671, 15.5950, 10.4150

Protanopia

14.9464, 15.7168, 14.3025

Deuteranopia

15.9993, 15.7274, 9.9770



Tritanopia

22.5277, 15.5792, 10.2072

Trichromacy



Original Color

22.5671, 15.5950, 10.4150

Protanomaly

17.0086, 15.1532, 12.8549

Deuteranomaly

17.9186, 15.2708, 9.9858

Tritanomaly

22.5277, 15.5792, 10.2072

Monochromacy



Original Color

22.5671, 15.5950, 10.4150

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.4994, 14.7238, 14.0290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5671, 15.5950, 10.4150 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(177, 79, 85)` looks like.

```
.text, #text, p{  
    color:rgb(177, 79, 85)  
}
```

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(177, 79, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 79, 85) }
```

Border

The CSS property to change the border of an element to XYZ 22.5671, 15.5950, 10.4150 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(177, 79, 85) }
```


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

```
.border{ border-color:rgb(177, 79, 85) }
```

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

Here you see how a box with a 4 pixel rgb(177, 79, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 79, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 79, 85);  
box-shadow:4px 4px 4px 4px rgb(177, 79,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5671, 15.5950, 10.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 79, 85) }
```

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

```
.background{ background-color: rgb(177, 79,  
85) }
```

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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