

Converting Colors

XYZ(22.6501, 15.0176, 8.1816)

Have a look what the booklet for
XYZ(22.6501, 15.0176, 8.1816)
contains.

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Color

**XYZ(22.6095, 14.9529,
8.1731)**

Conversions

Conversions Part 1

Format	Color
Hex	B5484A
RGB	181, 72, 74
RGB Percent	71%, 28%, 29%
CMY	0.2902, 0.7176, 0.7098
CMYK	0.00, 0.60, 0.59, 0.29
HSL	359°, 43%, 50%
HSV	359°, 60%, 71%
XYZ	22.6095, 14.9529, 8.1731
YIQ	104.8190, 64.3220, 23.7300

Conversions

Conversions Part 2

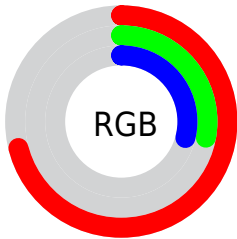
Format	Color
RYB	181, 72, 74
Decimal	11880522
CIELab	45.57, 44.42, 21.79
CIElCh	46, 49.474, 26.128
Yxy	14.9529, 0.4944, 0.3269
Android (android.graphics.Color)	4290070602 (0xFFB5484A)
YUV	104.8190, -15.1938, 66.8107
Hunter-Lab	38.6690, 36.6971, 14.5367

Details

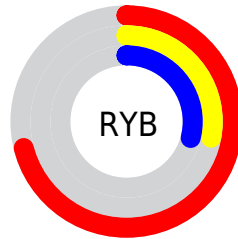
The XYZ color **22.6095, 14.9529, 8.1731** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.3341, 37.6806, 48.4833**, and the grayscale version is **13.4065, 14.1046, 15.3600**.

A 20% lighter version of the original color is **47.1844, 34.7981, 22.9687**, and **8.4312, 4.5730, 1.6666** is the 20% darker color. If you saturate the color by 10%, you get **21.0903, 12.7412, 5.1189**, and if you desaturate by 10%, it is **24.6429, 17.9227, 12.2331**.

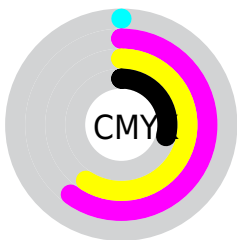
Distribution



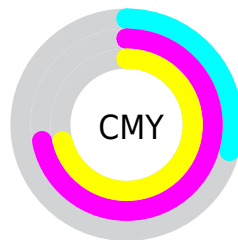
- Red (71%)
- Green (28%)
- Blue (29%)



- Red (71%)
- Yellow (28%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (59%)
- Black (29%)



- Cyan (29%)
- Magenta (72%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6095, 14.9529, 8.1731 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 22.6095, 14.9529, 8.1731 by changing the saturation by 10% instead.

■ 22.6095, 14.9529,
8.1731

■ 22.6095, 14.9529,
8.1731

258.2859,
223.0810, 187.0685

■ 14.4245, 8.7863,
4.1166

■ 47.2227, 34.7705,
22.8488

■ 8.5002, 4.6021,
1.6895

■ 64.3817, 49.1904,
34.3051

■ 4.4711, 2.0157,
0.3535

■ 85.2627, 67.1301,
49.0651

■ 1.9720, 0.6166,
0.0000

■ 110.2311, 88.9742,
67.5472

■ 0.6181, 0.0000,
0.0000

■ 139.6523,
115.1069, 90.1701

■ 0.0000, 0.0000,
0.0000

173.8916,

145.9126, 117.3522

213.3143,
181.7759, 149.5122

■ 22.6095, 14.9529,
8.1731

■ 22.6095, 14.9529,
8.1731

■ 21.0903, 12.7412,
5.1189

■ 24.6429, 17.9227,
12.2331

■ 20.0384, 11.2168,
2.9820

■ 27.2298, 21.7082,
17.3753

■ 19.4001, 10.2999,
1.6603

■ 30.4069, 26.3643,
23.6700

■ 19.0742, 9.8310,
0.9873

■ 34.2076, 31.9403,
31.1809

■ 38.6627, 38.4820,
39.9675

■ 43.8009, 46.0320,
50.0850

■ 49.6492, 54.6305,
61.5856

■ 56.2332, 64.3154,
74.5186

■ 63.5773, 75.1227,
88.9310

Harmonies

Analogous

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



23.7091, 14.9529, 17.8670



22.6095, 14.9529, 8.1731



19.1184, 14.9529, 3.7510

Triad

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



22.6095, 14.9529, 8.1731



8.5816, 14.9529, 6.6043



13.6823, 14.9529, 51.1907

Complementary

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



22.6095, 14.9529, 8.1731



27.3341, 37.6806, 48.4833

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.



10.2267, 14.9529, 43.4388



22.6095, 14.9529, 8.1731



7.6655, 14.9529, 14.7920

Square

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



22.6095, 14.9529, 8.1731



10.9914, 14.9529, 3.2025



8.2039, 14.9529, 28.5043



18.0079, 14.9529, 46.4631

Rectangle

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



22.6095, 14.9529, 8.1731



16.2043, 14.9529, 2.6725



8.2039, 14.9529, 28.5043



12.3906, 14.9529, 49.8885

Sweetspot

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



22.6099, 14.9537, 8.1734



62.7022, 59.3137, 58.6806



28.8734, 17.3620, 45.5454



13.0902, 12.1418, 11.7711



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.6099, 14.9537, 8.1734



37.1264, 21.8811, 7.8609



27.2928, 24.4254, 9.4081



8.5025, 8.5077, 8.8784



13.1522, 6.7784, 0.6956



0.4159, 0.2141, 0.0328

Inverse Universe

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



22.6099, 14.9537, 8.1734



37.1264, 21.8811, 7.8609



19.0142, 20.7157, 46.7124



8.5025, 8.5077, 8.8784



13.1522, 6.7784, 0.6956



0.4159, 0.2141, 0.0328

Previews

White Background



This preview shows how the XYZ color 22.6095, 14.9529, 8.1731 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 22.6095, 14.9529, 8.1731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

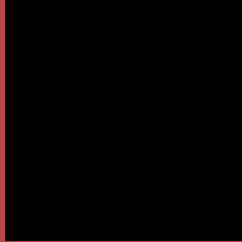
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6095, 14.9529, 8.1731

Background



This preview shows how black text looks on a background with the XYZ color 22.6095, 14.9529, 8.1731.

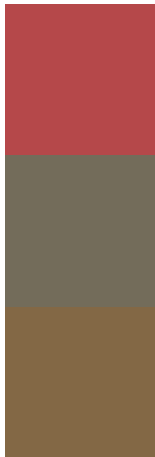


This preview shows how white text looks on a background with the XYZ color 22.6095, 14.9529,

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

22.6095, 14.9529, 8.1731

Protanopia

14.2783, 15.1081, 11.8365

Deuteranopia

15.3846, 15.1556, 7.7447



Tritanopia

22.6779, 14.9803, 8.5337

Trichromacy



Original Color

22.6095, 14.9529, 8.1731

Protanomaly

16.3399, 14.3135, 10.2891

Deuteranomaly

17.3589, 14.4988, 7.8449

Tritanomaly

22.6434, 14.9665, 8.3520

Monochromacy



Original Color

22.6095, 14.9529, 8.1731

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.6076, 13.6234, 12.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6095, 14.9529, 8.1731 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(181, 72, 74)` looks like.

```
.text, #text, p{  
    color:rgb(181, 72, 74)  
}
```

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(181, 72, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 72, 74) }
```

Border

The CSS property to change the border of an element to XYZ 22.6095, 14.9529, 8.1731 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(181, 72, 74) }
```


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

```
.border{ border-color:rgb(181, 72, 74) }
```

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

Here you see how a box with a 4 pixel rgb(181, 72, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 72, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 72, 74);  
box-shadow:4px 4px 4px 4px rgb(181, 72,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6095, 14.9529, 8.1731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 72, 74) }
```

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

```
.background{ background-color: rgb(181, 72,  
74) }
```

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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