

Converting Colors

XYZ(22.2610, 15.4795, 10.2921)

Have a look what the booklet for
XYZ(22.2610, 15.4795, 10.2921)
contains.

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Color

**XYZ(22.3007, 15.4622,
10.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	B04F54
RGB	176, 79, 84
RGB Percent	69%, 31%, 33%
CMY	0.3098, 0.6902, 0.6706
CMYK	0.00, 0.55, 0.52, 0.31
HSL	357°, 38%, 50%
HSV	357°, 55%, 69%
XYZ	22.3007, 15.4622, 10.1966
YIQ	108.5730, 56.2070, 22.1190

Conversions

Conversions Part 2

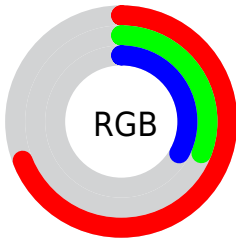
Format	Color
R_{YB}	176, 79, 84
Decimal	11554644
CIE _{Lab}	46.26, 40.02, 16.52
CIE _{LCh}	46, 43.299, 22.434
Yxy	15.4622, 0.4650, 0.3224
Android (android.graphics.Color)	4289744724 (0xFFB04F54)
YUV	108.5730, -12.1145, 59.1335
Hunter-Lab	39.3220, 32.4193, 12.1509

Details

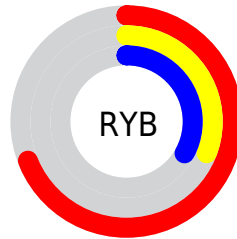
The XYZ color **22.3007, 15.4622, 10.1966** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1014, 35.6535, 44.0369**, and the grayscale version is **14.4376, 15.1895, 16.5413**.

A 20% lighter version of the original color is **46.6109, 35.5882, 26.6029**, and **8.3659, 4.8523, 2.4151** is the 20% darker color. If you saturate the color by 10%, you get **20.6173, 13.0200, 6.7850**, and if you desaturate by 10%, it is **24.4768, 18.6405, 14.5414**.

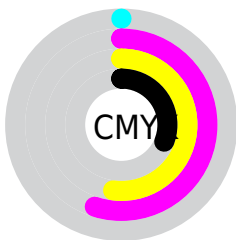
Distribution



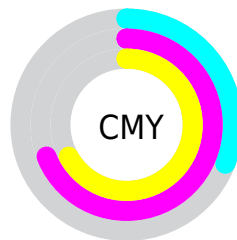
- Red (69%)
- Green (31%)
- Blue (33%)



- 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 22.3007, 15.4622, 10.1966 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 22.3007, 15.4622, 10.1966 by changing the saturation by 10% instead.

■ 22.3007, 15.4622,
10.1966

■ 22.3007, 15.4622,
10.1966

256.7156,
226.1470, 202.6051

■ 14.1959, 9.1444,
5.4222

■ 46.7176, 35.6620,
26.7782

■ 8.3396, 4.8355,
2.4340

■ 63.7605, 50.3128,
39.4225

■ 4.3667, 2.1511,
0.8049

■ 84.5133, 68.5101,
55.5272

■ 1.9116, 0.6931,
0.0000

■ 109.3416, 90.6382,
75.5108

■ 0.5836, 0.0000,
0.0000

■ 138.6105,
117.0815, 99.7918

■ 0.0000, 0.0000,
0.0000

172.6856,

148.2245, 128.7888

211.9322,
184.4515, 162.9204

■ 22.3007, 15.4622,
10.1966

■ 22.3007, 15.4622,
10.1966

■ 20.6173, 13.0200,
6.7850

■ 24.4768, 18.6405,
14.5414

■ 19.3869, 11.2526,
4.2376

■ 27.1787, 22.6048,
19.8801

■ 18.5660, 10.0930,
2.4769

■ 30.4382, 27.4036,
26.2693

■ 18.1008, 9.4581,
1.4112

■ 34.2839, 33.0808,
33.7609

■ 17.9540, 9.2499,
1.0994

■ 38.7427, 39.6771,
42.4035

■ 43.8399, 47.2309,
52.2428

■ 49.5990, 55.7781,
63.3220

■ 56.0428, 65.3531,
75.6822

■ 63.1926, 75.9883,
89.3624

Harmonies

Analogous

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



22.9357, 15.4622, 19.6631



22.3007, 15.4622, 10.1966



19.4738, 15.4622, 5.3003

Triad

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



22.3007, 15.4622, 10.1966



9.7483, 15.4622, 7.2193



13.7795, 15.4622, 46.1815

Complementary

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



22.3007, 15.4622, 10.1966



26.1014, 35.6535, 44.0369

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.



10.7721, 15.4622, 38.6968



22.3007, 15.4622, 10.1966



8.7126, 15.4622, 14.2932

Square

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



22.3007, 15.4622, 10.1966



12.1455, 15.4622, 4.1533



9.0531, 15.4622, 25.8682



17.5815, 15.4622, 43.5592

Rectangle

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



22.3007, 15.4622, 10.1966



16.9495, 15.4622, 3.9248



9.0531, 15.4622, 25.8682



12.6523, 15.4622, 44.6840

Sweetspot

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



22.3011, 15.4630, 10.1969



60.5608, 57.6055, 58.0836



27.1097, 17.2216, 42.9693



12.8222, 12.0376, 11.9994



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.



22.3011, 15.4630, 10.1969



36.8722, 22.8626, 11.2376



26.1577, 23.4783, 10.5514



8.5135, 8.5121, 8.9366



13.1800, 6.7896, 0.8421



0.4205, 0.2160, 0.0572

Inverse Universe

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



22.3011, 15.4630, 10.1969



36.8722, 22.8626, 11.2376



19.5822, 21.8388, 44.2573



8.5135, 8.5121, 8.9366



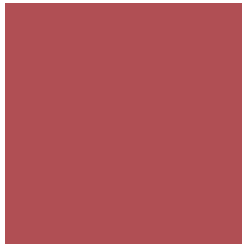
13.1800, 6.7896, 0.8421



0.4205, 0.2160, 0.0572

Previews

White Background



This preview shows how the XYZ color 22.3007, 15.4622, 10.1966 looks on a white background.

Color Contrast Check

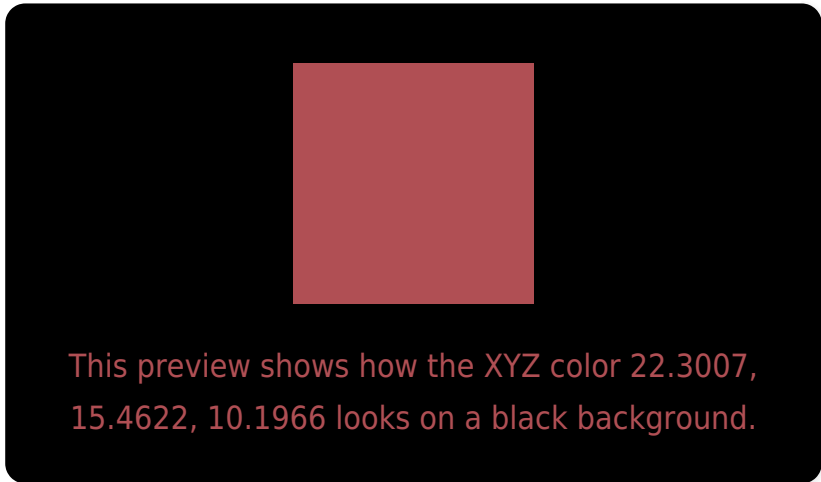
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3007, 15.4622, 10.1966

Background



This preview shows how black text looks on a background with the XYZ color 22.3007, 15.4622, 10.1966.

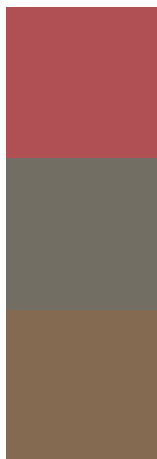


This preview shows how white text looks on a background with the XYZ color 22.3007, 15.4622,

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

22.3007, 15.4622, 10.1966

Protanopia

14.8983, 15.6976, 14.0491

Deuteranopia

15.9621, 15.7125, 9.7809



Tritanopia

22.3007, 15.4622, 10.1966

Trichromacy



Original Color

22.3007, 15.4622, 10.1966

Protanomaly

16.7987, 15.0502, 12.6093

Deuteranomaly

17.7007, 15.1629, 9.7784

Tritanomaly

22.3007, 15.4622, 10.1966

Monochromacy



Original Color

22.3007, 15.4622, 10.1966

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.3408, 14.6420, 14.0215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3007, 15.4622, 10.1966 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(176, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(176, 79, 84)  
}
```

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(176, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 79, 84) }
```

Border

The CSS property to change the border of an element to XYZ 22.3007, 15.4622, 10.1966 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(176, 79, 84) }
```


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

```
.border{ border-color:rgb(176, 79, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 79, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(176, 79,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3007, 15.4622, 10.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 79, 84) }
```

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

```
.background{ background-color: rgb(176, 79,  
84) }
```

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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