

Converting Colors

XYZ(22.2184, 15.5955, 11.2452)

Have a look what the booklet for
XYZ(22.2184, 15.5955, 11.2452)
contains.

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Color

**XYZ(22.2012, 15.6048,
11.2931)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5159
RGB	174, 81, 89
RGB Percent	68%, 32%, 35%
CMY	0.3176, 0.6823, 0.6510
CMYK	0.00, 0.53, 0.49, 0.32
HSL	355°, 36%, 50%
HSV	355°, 53%, 68%
XYZ	22.2012, 15.6048, 11.2931
YIQ	109.7190, 52.8600, 22.2040

Conversions

Conversions Part 2

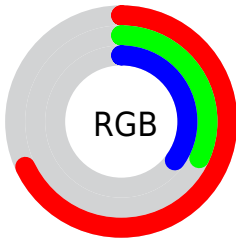
Format	Color
RYB	174, 81, 89
Decimal	11424089
CIELab	46.45, 38.74, 13.71
CIElCh	46, 41.093, 19.485
Yxy	15.6048, 0.4522, 0.3178
Android (android.graphics.Color)	4289614169 (0xFFAE5159)
YUV	109.7190, -10.2145, 56.3744
Hunter-Lab	39.5029, 31.1895, 10.7022

Details

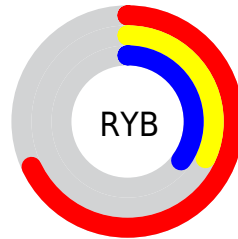
The XYZ color **22.2012, 15.6048, 11.2931** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.4132, 34.7750, 41.4515**, and the grayscale version is **14.7587, 15.5273, 16.9093**.

A 20% lighter version of the original color is **46.6520, 35.9628, 28.9088**, and **8.2550, 4.8923, 2.8921** is the 20% darker color. If you saturate the color by 10%, you get **20.4726, 13.1034, 7.7703**, and if you desaturate by 10%, it is **24.4062, 18.8281, 15.6868**.

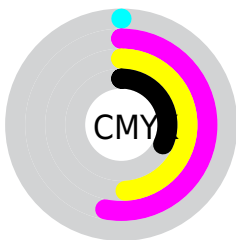
Distribution



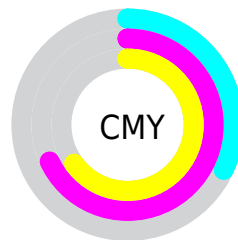
- Red (68%)
- Green (32%)
- Blue (35%)



- Red (68%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (53%)
- Yellow (49%)
- Black (32%)



- Cyan (32%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2012, 15.6048, 11.2931 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 22.2012, 15.6048, 11.2931 by changing the saturation by 10% instead.

■ 22.2012, 15.6048,
11.2931

■ 22.2012, 15.6048,
11.2931

256.2079,
226.9983, 210.4766

■ 14.1222, 9.2449,
6.1477

■ 46.5547, 35.9107,
28.8458

■ 8.2880, 4.9013,
2.8649

■ 63.5599, 50.6256,
42.0901

■ 4.3331, 2.1895,
1.0260

■ 84.2713, 68.8943,
58.8712

■ 1.8923, 0.7142,
0.0000

■ 109.0542, 91.1011,
79.6076

■ 0.5723, 0.0000,
0.0000

■ 138.2740,
117.6306, 104.7178

■ 0.0000, 0.0000,
0.0000

172.2959,

148.8670, 134.6203

211.4854,
185.1947, 169.7337

■ 22.2012, 15.6048,
11.2931

■ 22.2012, 15.6048,
11.2931

■ 20.4726, 13.1034,
7.7703

■ 24.4062, 18.8281,
15.6868

■ 19.1839, 11.2661,
5.0596

■ 27.1180, 22.8204,
21.0032

■ 18.2955, 10.0300,
3.0960

■ 30.3660, 27.6280,
27.2913

■ 17.7596, 9.3193,
1.8044

■ 34.1769, 33.2924,
34.5961

■ 17.5415, 9.0330,
1.2694

■ 38.5757, 39.8526,
42.9599

■ 43.5858, 47.3450,
52.4225

■ 49.2294, 55.8042,
63.0220

■ 55.5275, 65.2629,
74.7941

■ 62.5003, 75.7522,
87.7735

Harmonies

Analogous

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



22.5629, 15.6048, 20.7941



22.2012, 15.6048, 11.2931



19.6968, 15.6048, 6.0777

Triad

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



22.2012, 15.6048, 11.2931



10.2441, 15.6048, 7.2275



13.6265, 15.6048, 44.1923

Complementary

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



22.2012, 15.6048, 11.2931



25.4132, 34.7750, 41.4515

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.



10.8423, 15.6048, 36.4860



22.2012, 15.6048, 11.2931



9.1056, 15.6048, 13.6824

Square

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



22.2012, 15.6048, 11.2931



12.6796, 15.6048, 4.4586



9.3057, 15.6048, 24.3409



17.2149, 15.6048, 42.7197

Rectangle

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



22.2012, 15.6048, 11.2931



17.3420, 15.6048, 4.5078



9.3057, 15.6048, 24.3409



12.5765, 15.6048, 42.4989

Sweetspot

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



22.2016, 15.6056, 11.2934



59.9254, 57.3109, 58.8014



26.0376, 16.9089, 41.9358



13.0046, 12.2704, 12.4671



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.



22.2016, 15.6056, 11.2934



36.6866, 23.1241, 13.1642



25.4434, 22.5976, 10.8064



8.0322, 8.0261, 8.4802



12.7329, 6.5557, 0.9729



0.3630, 0.1859, 0.0734

Inverse Universe

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



22.2016, 15.6056, 11.2934



36.6866, 23.1241, 13.1642



19.9514, 22.6407, 43.3629



8.0322, 8.0261, 8.4802



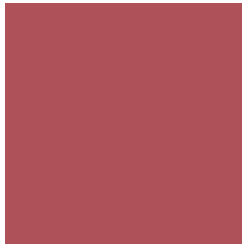
12.7329, 6.5557, 0.9729



0.3630, 0.1859, 0.0734

Previews

White Background



This preview shows how the XYZ color 22.2012, 15.6048, 11.2931 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 22.2012, 15.6048, 11.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

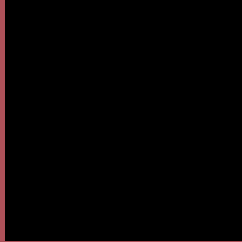
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.2012, 15.6048, 11.2931

Background



This preview shows how black text looks on a background with the XYZ color 22.2012, 15.6048, 11.2931.

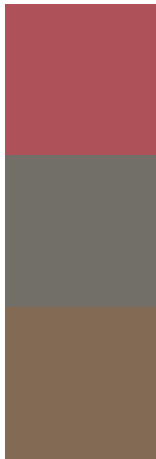


This preview shows how white text looks on a background with the XYZ color 22.2012, 15.6048,

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

22.2012, 15.6048, 11.2931

Protanopia

15.0141, 15.7287, 15.3413

Deuteranopia

15.9996, 15.7098, 10.7833



Tritanopia

22.1183, 15.5716, 10.8567

Trichromacy



Original Color

22.2012, 15.6048, 11.2931

Protanomaly

16.8673, 15.0588, 13.8220

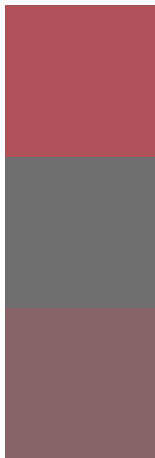
Deuteranomaly

17.8085, 15.3323, 10.8249

Tritanomaly

22.1594, 15.5881, 11.0734

Monochromacy



Original Color

22.2012, 15.6048, 11.2931

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.5330, 14.8695, 14.5691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2012, 15.6048, 11.2931 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(174, 81, 89)` looks like.

```
.text, #text, p{  
    color:rgb(174, 81, 89)  
}
```

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(174, 81, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 81, 89) }
```

Border

The CSS property to change the border of an element to XYZ 22.2012, 15.6048, 11.2931 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(174, 81, 89) }
```


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

```
.border{ border-color:rgb(174, 81, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 81, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 81, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 81, 89);  
box-shadow:4px 4px 4px 4px rgb(174, 81,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2012, 15.6048, 11.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 81, 89) }
```

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

```
.background{ background-color: rgb(174, 81,  
89) }
```

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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