

Converting Colors

XYZ(22.2926, 15.5065, 10.5888)

Have a look what the booklet for
XYZ(22.2926, 15.5065, 10.5888)
contains.

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Color

**XYZ(22.2276, 15.5232,
10.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	AF5056
RGB	175, 80, 86
RGB Percent	69%, 31%, 34%
CMY	0.3137, 0.6863, 0.6627
CMYK	0.00, 0.54, 0.51, 0.31
HSL	356°, 37%, 50%
HSV	356°, 54%, 69%
XYZ	22.2276, 15.5232, 10.6288
YIQ	109.0890, 54.6940, 22.0060

Conversions

Conversions Part 2

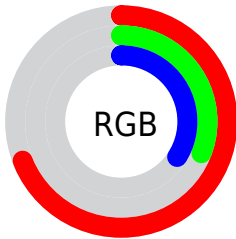
Format	Color
R_{YB}	175, 80, 86
Decimal	11489366
CIE _{Lab}	46.34, 39.33, 15.40
CIE _{LCh}	46, 42.239, 21.381
Yxy	15.5232, 0.4594, 0.3209
Android (android.graphics.Color)	4289679446 (0xFFAF5056)
YUV	109.0890, -11.3829, 57.8039
Hunter-Lab	39.3995, 31.7534, 11.5850

Details

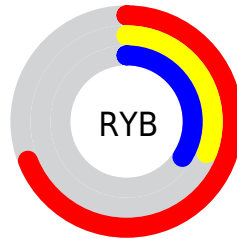
The XYZ color **22.2276, 15.5232, 10.6288** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.8006, 35.2304, 42.9791**, and the grayscale version is **14.5820, 15.3414, 16.7068**.

A 20% lighter version of the original color is **46.6269, 35.7725, 27.7398**, and **8.2867, 4.8422, 2.5957** is the 20% darker color. If you saturate the color by 10%, you get **20.5225, 13.0517, 7.1667**, and if you desaturate by 10%, it is **24.4187, 18.7243, 15.0008**.

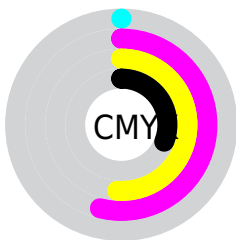
Distribution



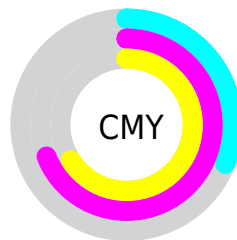
- Red (69%)
- Green (31%)
- Blue (34%)



- Red (69%)
- Yellow (31%)
- Blue (34%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (31%)



- Cyan (31%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2276, 15.5232, 10.6288 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 22.2276, 15.5232, 10.6288 by changing the saturation by 10% instead.

■ 22.2276, 15.5232,
10.6288

■ 22.2276, 15.5232,
10.6288

256.3426,
226.5115, 205.7481

■ 14.1418, 9.1874,
5.7068

■ 46.5979, 35.7685,
27.5978

■ 8.3017, 4.8636,
2.6017

■ 63.6132, 50.4467,
40.4818

■ 4.3420, 2.1675,
0.8934

■ 84.3356, 68.6745,
56.8570

■ 1.8974, 0.7022,
0.0000

■ 109.1305, 90.8364,
77.1417

■ 0.5753, 0.0000,
0.0000

■ 138.3633,
117.3166, 101.7547

■ 0.0000, 0.0000,
0.0000

172.3994,

148.4996, 131.1144

211.6040,
184.7698, 165.6393

■ 22.2276, 15.5232,
10.6288

■ 22.2276, 15.5232,
10.6288

■ 20.5225, 13.0517,
7.1667

■ 24.4187, 18.7243,
15.0008

■ 19.2652, 11.2501,
4.5495

■ 27.1278, 22.7037,
20.3397

■ 18.4138, 10.0536,
2.7050

■ 30.3856, 27.5086,
26.6991

■ 17.9178, 9.3832,
1.5482

■ 34.2198, 33.1819,
34.1282

■ 17.7398, 9.1382,
1.1468

■ 38.6566, 39.7634,
42.6731

■ 43.7204, 47.2907,
52.3772

■ 49.4342, 55.7990,
63.2815

■ 55.8199, 65.3218,
75.4251

■ 62.8983, 75.8910,
88.8453

Harmonies

Analogous

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



22.7578, 15.5232, 20.0676



22.2276, 15.5232, 10.6288



19.5368, 15.5232, 5.6245

Triad

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



22.2276, 15.5232, 10.6288



9.9586, 15.5232, 7.2665



13.7360, 15.5232, 45.2487

Complementary

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



22.2276, 15.5232, 10.6288



25.8006, 35.2304, 42.9791

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.



10.8239, 15.5232, 37.7397



22.2276, 15.5232, 10.6288



8.8890, 15.5232, 14.0884

Square

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



22.2276, 15.5232, 10.6288



12.3604, 15.5232, 4.3089



9.1776, 15.5232, 25.2569



17.4390, 15.5232, 43.0743

Rectangle

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



22.2276, 15.5232, 10.6288



17.0891, 15.5232, 4.1782



9.1776, 15.5232, 25.2569



12.6426, 15.5232, 43.6901

Sweetspot

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



22.2280, 15.5240, 10.6291



59.8325, 57.2738, 58.3122



26.8978, 17.2316, 42.4657



12.9821, 12.2614, 12.3484



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.



22.2280, 15.5240, 10.6291



36.2824, 22.6943, 11.8625



25.9854, 23.4093, 10.7394



8.0250, 8.0232, 8.4424



12.7127, 6.5476, 0.8664



0.3601, 0.1847, 0.0583

Inverse Universe

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



22.2280, 15.5240, 10.6291



36.2824, 22.6943, 11.8625



19.5490, 21.8057, 43.7360



8.0250, 8.0232, 8.4424



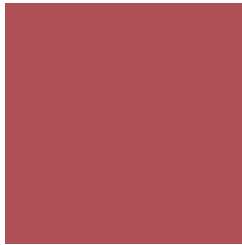
12.7127, 6.5476, 0.8664



0.3601, 0.1847, 0.0583

Previews

White Background



This preview shows how the XYZ color 22.2276, 15.5232, 10.6288 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 22.2276, 15.5232, 10.6288

Background



This preview shows how black text looks on a background with the XYZ color 22.2276, 15.5232, 10.6288.

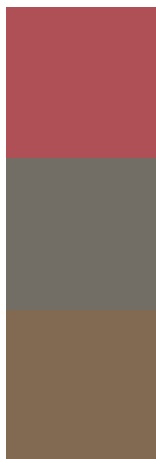


This preview shows how white text looks on a background with the XYZ color 22.2276, 15.5232,

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

22.2276, 15.5232, 10.6288

Protanopia

14.9951, 15.7363, 14.5590

Deuteranopia

15.8829, 15.6631, 10.1688



Tritanopia

22.2276, 15.5232, 10.6288

Trichromacy



Original Color

22.2276, 15.5232, 10.6288

Protanomaly

16.8897, 15.0866, 13.0881

Deuteranomaly

17.6901, 15.2849, 10.2015

Tritanomaly

22.2276, 15.5232, 10.6288

Monochromacy



Original Color

22.2276, 15.5232, 10.6288

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.3895, 14.6615, 14.2780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2276, 15.5232, 10.6288 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(175, 80, 86)` looks like.

```
.text, #text, p{  
    color:rgb(175, 80, 86)  
}
```

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(175, 80, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 86) }
```

Border

The CSS property to change the border of an element to XYZ 22.2276, 15.5232, 10.6288 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(175, 80, 86) }
```


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

```
.border{ border-color:rgb(175, 80, 86) }
```

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

Here you see how a box with a 4 pixel rgb(175, 80, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 86);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2276, 15.5232, 10.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 86) }
```

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

```
.background{ background-color: rgb(175, 80,  
86) }
```

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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