

Converting Colors

XYZ(21.9720, 15.0767, 12.8186)

Have a look what the booklet for
XYZ(21.9720, 15.0767, 12.8186)
contains.

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Color

**XYZ(22.0693, 15.1775,
12.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4E60
RGB	173, 78, 96
RGB Percent	68%, 31%, 38%
CMY	0.3216, 0.6941, 0.6235
CMYK	0.00, 0.55, 0.45, 0.32
HSL	349°, 38%, 49%
HSV	349°, 55%, 68%
XYZ	22.0693, 15.1775, 12.8327
YIQ	108.4570, 50.8420, 25.7380

Conversions

Conversions Part 2

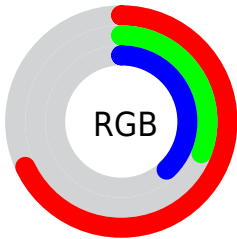
Format	Color
RYB	173, 78, 96
Decimal	11357792
CIELab	45.88, 40.61, 8.63
CIElCh	46, 41.515, 11.992
Yxy	15.1775, 0.4407, 0.3031
Android (android.graphics.Color)	4289547872 (0xFFAD4E60)
YUV	108.4570, -6.1413, 56.6042
Hunter-Lab	38.9583, 32.9405, 7.7409

Details

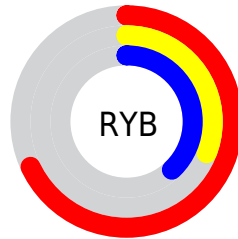
The XYZ color **22.0693, 15.1775, 12.8327** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.0027, 33.8738, 36.2856**, and the grayscale version is **14.3895, 15.1389, 16.4862**.

A 20% lighter version of the original color is **46.4496, 35.1964, 31.5395**, and **8.2812, 4.7510, 3.4982** is the 20% darker color. If you saturate the color by 10%, you get **20.4088, 12.7992, 9.3730**, and if you desaturate by 10%, it is **24.1691, 18.2500, 17.0073**.

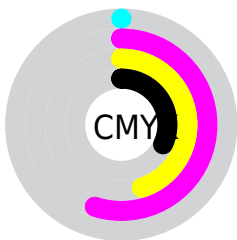
Distribution



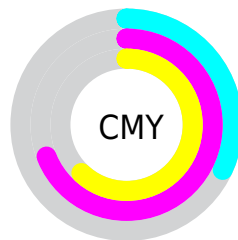
- Red (68%)
- Green (31%)
- Blue (38%)



- Red (68%)
- Yellow (31%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (45%)
- Black (32%)



- Cyan (32%)
- Magenta (69%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0693, 15.1775, 12.8327 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 22.0693, 15.1775, 12.8327 by changing the saturation by 10% instead.

■ 22.0693, 15.1775,
12.8327

■ 22.0693, 15.1775,
12.8327

255.5335,
224.4381, 221.0127

■ 14.0247, 8.9441,
7.1841

■ 46.3385, 35.1643,
31.6897

■ 8.2197, 4.7047,
3.4973

■ 63.2938, 49.6864,
45.7351

■ 4.2888, 2.0751,
1.3538

■ 83.9501, 67.7402,
63.4165

■ 1.8668, 0.6505,
0.1053

■ 108.6728, 89.7100,
85.1525

■ 0.5574, 0.0000,
0.0000

■ 137.8271,
115.9804, 111.3615

■ 0.0000, 0.0000,
0.0000

171.7784,

146.9355, 142.4622

210.8921,
182.9600, 178.8731

■ 22.0693, 15.1775,
12.8327

■ 22.0693, 15.1775,
12.8327

■ 20.4088, 12.7992,
9.3730

■ 24.1691, 18.2500,
17.0073

■ 19.1543, 11.0584,
6.5866

■ 26.7358, 22.0630,
21.9335

■ 18.2696, 9.8934,
4.4284

■ 29.7961, 26.6613,
27.6466

■ 17.7106, 9.2280,
2.8471

■ 33.3743, 32.0856,
34.1793

■ 17.5049, 8.9928,
2.2353

■ 37.4931, 38.3737,
41.5622

■ 42.1739, 45.5613,
49.8247

■ 47.4368, 53.6818,
58.9946

■ 53.3011, 62.7669,
69.0984

■ 59.7849, 72.8471,
80.1616

Harmonies

Analogous

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



21.8272, 15.1775, 23.2364



22.0693, 15.1775, 12.8327



20.0341, 15.1775, 6.6873

Triad

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



22.0693, 15.1775, 12.8327



10.3720, 15.1775, 5.9341



12.4418, 15.1775, 42.5004

Complementary

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



22.0693, 15.1775, 12.8327



24.0027, 33.8738, 36.2856

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.



9.9759, 15.1775, 33.0846



22.0693, 15.1775, 12.8327



8.9210, 15.1775, 11.2501

Square

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



22.0693, 15.1775, 12.8327



13.0709, 15.1775, 3.9262



8.7888, 15.1775, 20.8669



15.8711, 15.1775, 43.4918

Rectangle

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



22.0693, 15.1775, 12.8327



17.8260, 15.1775, 4.6746



8.7888, 15.1775, 20.8669



11.4880, 15.1775, 40.0805

Sweetspot

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



22.0697, 15.1783, 12.8330



58.8380, 56.0436, 59.5227



23.5942, 15.3368, 41.2519



12.5005, 11.7447, 12.4156



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



22.0697, 15.1783, 12.8330



35.9861, 22.1277, 15.5651



23.8150, 19.8466, 9.7843



8.0649, 8.0392, 8.6528



12.8763, 6.6131, 1.7281



0.3760, 0.1911, 0.1419

Inverse Universe

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



22.0697, 15.1783, 12.8330



35.9861, 22.1277, 15.5651



20.7345, 24.7359, 43.2169



8.0649, 8.0392, 8.6528



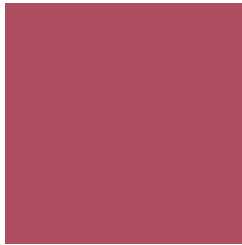
12.8763, 6.6131, 1.7281



0.3760, 0.1911, 0.1419

Previews

White Background



This preview shows how the XYZ color 22.0693, 15.1775, 12.8327 looks on a white background.

Color Contrast Check

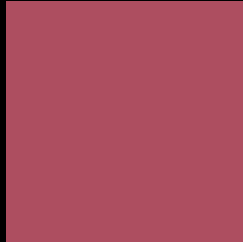
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0693, 15.1775, 12.8327 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 22.0693, 15.1775, 12.8327

Background



This preview shows how black text looks on a background with the XYZ color 22.0693, 15.1775, 12.8327.



This preview shows how white text looks on a background with the XYZ color 22.0693, 15.1775,

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

22.0693, 15.1775, 12.8327

Protanopia

14.8797, 15.4445, 17.8196

Deuteranopia

15.5875, 15.3115, 12.2591



Tritanopia

21.5216, 15.1639, 10.3869

Trichromacy



Original Color

22.0693, 15.1775, 12.8327

Protanomaly

16.6944, 14.7834, 15.8835

Deuteranomaly

17.3957, 14.8144, 12.2985

Tritanomaly

21.6124, 15.0839, 11.2236

Monochromacy



Original Color

22.0693, 15.1775, 12.8327

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.2891, 14.4544, 15.0282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0693, 15.1775, 12.8327 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(173, 78, 96)` looks like.

```
.text, #text, p{  
    color:rgb(173, 78, 96)  
}
```

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(173, 78, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 78, 96) }
```

Border

The CSS property to change the border of an element to XYZ 22.0693, 15.1775, 12.8327 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(173, 78, 96) }
```


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

```
.border{ border-color:rgb(173, 78, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 78, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 78, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 78, 96);  
box-shadow:4px 4px 4px 4px rgb(173, 78,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0693, 15.1775, 12.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 78, 96) }
```

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

```
.background{ background-color: rgb(173, 78,  
96) }
```

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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