

Converting Colors

XYZ(22.1025, 16.1308, 11.1811)

Have a look what the booklet for
XYZ(22.1025, 16.1308, 11.1811)
contains.

XYZ(22.1025, 16.1308, 11.1811)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1025, 16.1308,
11.1811)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5658
RGB	172, 86, 88
RGB Percent	67%, 34%, 35%
CMY	0.3255, 0.6627, 0.6549
CMYK	0.00, 0.50, 0.49, 0.33
HSL	359°, 34%, 51%
HSV	359°, 50%, 67%
XYZ	22.1025, 16.1308, 11.1811
YIQ	111.9420, 50.6140, 18.8540

Conversions

Conversions Part 2

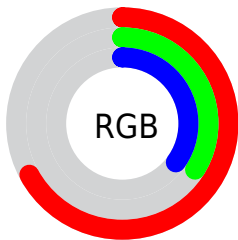
Format	Color
R _Y B	172, 86, 88
Decimal	11294296
CIE Lab	47.15, 35.29, 15.22
CIE LCh	47, 38.432, 23.322
Yxy	16.1308, 0.4473, 0.3264
Android (android.graphics.Color)	4289484376 (0xFFAC5658)
YUV	111.9420, -11.8034, 52.6709
Hunter-Lab	40.1632, 27.9462, 11.6084

Details

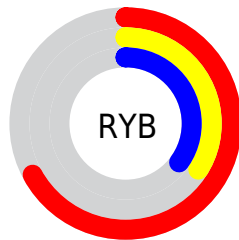
The XYZ color **22.1025, 16.1308, 11.1811** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.8469, 34.3861, 43.3074**, and the grayscale version is **15.4077, 16.2101, 17.6528**.

A 20% lighter version of the original color is **46.3091, 36.8349, 28.7139**, and **8.2694, 5.1492, 2.8435** is the 20% darker color. If you saturate the color by 10%, you get **20.2731, 13.4605, 7.5245**, and if you desaturate by 10%, it is **24.4235, 19.5279, 15.7931**.

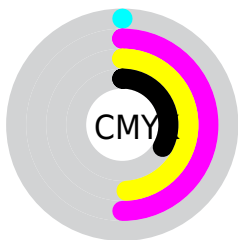
Distribution



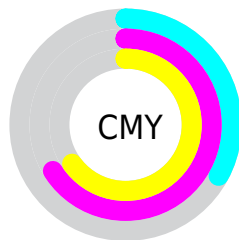
- Red (67%)
- Green (34%)
- Blue (35%)



- Red (67%)
- Yellow (34%)
- Blue (35%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (33%)



- Cyan (33%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1025, 16.1308, 11.1811 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 22.1025, 16.1308, 11.1811 by changing the saturation by 10% instead.

■ 22.1025, 16.1308,
11.1811

■ 22.1025, 16.1308,
11.1811

255.7034,
230.1123, 209.6877

■ 14.0493, 9.6168,
6.0731

■ 46.3929, 36.8251,
28.6363

■ 8.2369, 5.1456,
2.8201

■ 63.3609, 51.7742,
41.8206

■ 4.3000, 2.3329,
1.0035

■ 84.0310, 70.3038,
58.5340

■ 1.8732, 0.7911,
0.0000

■ 108.7688, 92.7982,
79.1952

■ 0.5612, 0.0000,
0.0000

■ 137.9396,
119.6418, 104.2226

■ 0.0000, 0.0000,
0.0000

171.9087,

151.2191, 134.0348

211.0415,
187.9145, 169.0503

■ 22.1025, 16.1308,
11.1811

■ 22.1025, 16.1308,
11.1811

■ 20.2731, 13.4605,
7.5245

■ 24.4235, 19.5279,
15.7931

■ 18.8989, 11.4616,
4.7556

■ 27.2668, 23.6966,
21.4202

■ 17.9403, 10.0754,
2.7991


■ 30.6619, 28.6812,
28.1181


■ 17.3504, 9.2313,
1.5670


■ 34.6357, 34.5220,
35.9382


■ 17.0352, 8.7795,
0.9115

■ 39.2136, 41.2564,
44.9288

 17.0351, 8.7794,
0.9113

 44.4192, 48.9199,
55.1351

 50.2751, 57.5457,
66.6001

 56.8024, 67.1657,
79.3646

 64.0217, 77.8102,
93.4676

Harmonies

Analogous

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



22.7293, 16.1308, 19.8166



22.1025, 16.1308, 11.1811



19.5475, 16.1308, 6.4710

Triad

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



22.1025, 16.1308, 11.1811



10.6907, 16.1308, 8.6316



14.5889, 16.1308, 43.2715

Complementary

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



22.1025, 16.1308, 11.1811



25.8469, 34.3861, 43.3074

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.



11.7705, 16.1308, 37.1028



22.1025, 16.1308, 11.1811



9.7437, 16.1308, 15.4884

Square

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



22.1025, 16.1308, 11.1811



12.9017, 16.1308, 5.4219



10.1078, 16.1308, 26.0045



18.0495, 16.1308, 40.7789

Rectangle

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



22.1025, 16.1308, 11.1811



17.2723, 16.1308, 5.0920



10.1078, 16.1308, 26.0045



13.5425, 16.1308, 42.0854

Sweetspot

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



22.1029, 16.1316, 11.1814



58.9002, 56.8442, 57.4590



27.1654, 18.0847, 41.0886



12.4876, 11.8939, 11.8714



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.



22.1029, 16.1316, 11.1814



36.4712, 23.9714, 13.0337



26.1714, 24.3991, 12.1353



8.0125, 8.0182, 8.3766



12.6798, 6.5345, 0.6932



0.3551, 0.1827, 0.0318

Inverse Universe

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



22.1029, 16.1316, 11.1814



36.4712, 23.9714, 13.0337



19.5181, 21.4243, 42.1362



8.0125, 8.0182, 8.3766



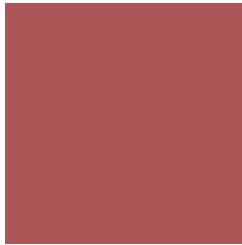
12.6798, 6.5345, 0.6932



0.3551, 0.1827, 0.0318

Previews

White Background



This preview shows how the XYZ color 22.1025, 16.1308, 11.1811 looks on a white background.

Color Contrast Check

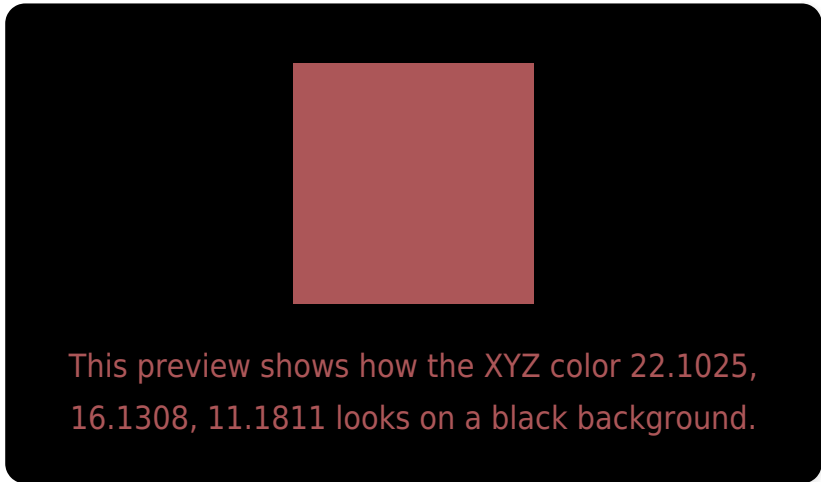
Large Text (above 18pt) WCAG AA ✓ Pass

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

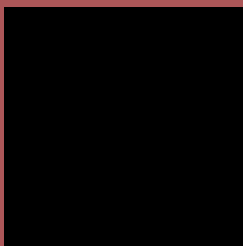
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.1025, 16.1308, 11.1811

Background



This preview shows how black text looks on a background with the XYZ color 22.1025, 16.1308, 11.1811.

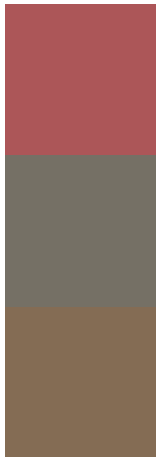


This preview shows how white text looks on a background with the XYZ color 22.1025, 16.1308,

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

22.1025, 16.1308, 11.1811

Protanopia

15.4793, 16.3098, 14.6442

Deuteranopia

16.4785, 16.2708, 10.6596



Tritanopia

22.1501, 16.0230, 11.8228

Trichromacy



Original Color

22.1025, 16.1308, 11.1811

Protanomaly

17.2781, 15.8634, 13.2176

Deuteranomaly

18.2295, 15.9733, 10.7167

Tritanomaly

22.1072, 16.0058, 11.5971

Monochromacy



Original Color

22.1025, 16.1308, 11.1811

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.1299, 15.7481, 14.9688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1025, 16.1308, 11.1811 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(172, 86, 88)` looks like.

```
.text, #text, p{  
    color:rgb(172, 86, 88)  
}
```

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(172, 86, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 86, 88) }
```

Border

The CSS property to change the border of an element to XYZ 22.1025, 16.1308, 11.1811 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(172, 86, 88) }
```


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

```
.border{ border-color:rgb(172, 86, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 86, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 86, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 86, 88);  
box-shadow:4px 4px 4px 4px rgb(172, 86,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1025, 16.1308, 11.1811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 86, 88) }
```

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

```
.background{ background-color: rgb(172, 86,  
88) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor