

Converting Colors

XYZ(22.2904, 11.5748, 2.2229)

Have a look what the booklet for
XYZ(22.2904, 11.5748, 2.2229)
contains.

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Color

**XYZ(22.2901, 11.5781,
2.2224)**

Conversions

Conversions Part 1

Format	Color
Hex	C1071D
RGB	193, 7, 29
RGB Percent	76%, 3%, 11%
CMY	0.2431, 0.9724, 0.8863
CMYK	0.00, 0.96, 0.85, 0.24
HSL	353°, 93%, 39%
HSV	353°, 96%, 76%
XYZ	22.2901, 11.5781, 2.2224
YIQ	65.1220, 103.7940, 46.2740

Conversions

Conversions Part 2

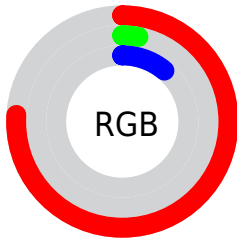
Format	Color
RYB	193, 7, 29
Decimal	12650269
CIELab	40.54, 64.64, 42.82
CIElCh	41, 77.539, 33.522
Yxy	11.5781, 0.6176, 0.3208
Android (android.graphics.Color)	4290840349 (0xFFC1071D)
YUV	65.1220, -17.8081, 112.1490
Hunter-Lab	34.0266, 57.3850, 19.9462

Details

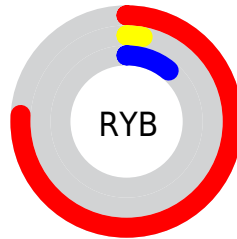
The XYZ color **22.2901, 11.5781, 2.2224** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **26.5119, 41.1267, 45.0862**, and the grayscale version is **5.0613, 5.3248, 5.7987**.

A 20% lighter version of the original color is **45.7245, 28.2514, 9.5217**, and **9.2059, 4.7458, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **22.1448, 11.3984, 1.8329**, and if you desaturate by 10%, it is **22.8626, 12.2886, 3.7539**.

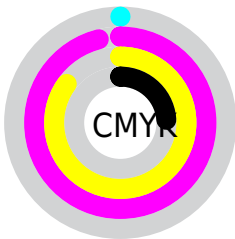
Distribution



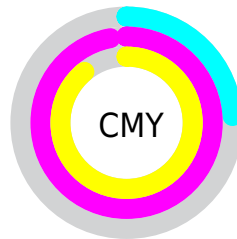
- Red (76%)
- Green (3%)
- Blue (11%)



- Red (76%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (96%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2901, 11.5781, 2.2224 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 22.2901, 11.5781, 2.2224 by changing the saturation by 10% instead.

■ 22.2901, 11.5781,
2.2224

■ 22.2901, 11.5781,
2.2224

256.6615,
201.5918, 125.7399

■ 14.1880, 6.4571,
0.6873

■ 46.7003, 28.7243,
9.6404

■ 8.3341, 3.1250,
0.0000

■ 63.7391, 41.5183,
16.3859

■ 4.3631, 1.1973,
0.0000

■ 84.4876, 57.6388,
25.7140

■ 1.9095, 0.0595,
0.0000

■ 109.3110, 77.4701,
38.0430


■ 0.5824, 0.0000,
0.0000


■ 138.5747,
101.3967, 53.7916


■ 0.0000, 0.0000,
0.0000


■ 172.6441,


129.8029, 73.3782


 211.8846,
163.0732, 97.2215


 22.2901, 11.5781,
2.2224


 22.2901, 11.5781,
2.2224


 22.1448, 11.3984,
1.8329

 22.8626, 12.2886,
3.7539

 23.8534, 13.6224,
6.0809

 25.3291, 15.6907,
9.2950

 27.3423, 18.5793,
13.4744

 29.9390, 22.3620,
18.6885

■ 33.1598, 27.1045,
25.0004

■ 37.0420, 32.8664,
32.4679

■ 41.6197, 39.7021,
41.1451

■ 46.9248, 47.6626,
51.0822

Harmonies

Analogous

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



25.1712, 11.5781, 10.8475



22.2901, 11.5781, 2.2224



16.3839, 11.5781, 0.0341

Triad

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



22.2901, 11.5781, 2.2224



4.0258, 11.5781, 3.3882



11.6626, 11.5781, 72.7817

Complementary

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



22.2901, 11.5781, 2.2224



26.5119, 41.1267, 45.0862

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.



6.9542, 11.5781, 63.2574



22.2901, 11.5781, 2.2224



3.4973, 11.5781, 14.5463

Square

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



22.2901, 11.5781, 2.2224



6.1632, 11.5781, 0.3671



4.3650, 11.5781, 37.5871



17.8847, 11.5781, 57.9944

Rectangle

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



22.2901, 11.5781, 2.2224



12.2329, 11.5781, 0.0000



4.3650, 11.5781, 37.5871



9.8615, 11.5781, 72.3472

Sweetspot

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



22.2903, 11.5788, 2.2226



64.0573, 55.4643, 53.7777



25.8939, 12.3502, 51.4709



13.1040, 10.9515, 10.3084



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



22.2903, 11.5788, 2.2226



39.6167, 20.3968, 3.0451



24.5619, 16.4152, 2.0759



10.1205, 10.0968, 10.7252



14.7448, 7.5877, 1.3024



0.6535, 0.3344, 0.1425

Inverse Universe

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



22.2903, 11.5788, 2.2226



39.6167, 20.3968, 3.0451



17.0236, 18.5155, 53.1284



10.1205, 10.0968, 10.7252



14.7448, 7.5877, 1.3024



0.6535, 0.3344, 0.1425

Previews

White Background



This preview shows how the XYZ color 22.2901, 11.5781, 2.2224 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 22.2901, 11.5781, 2.2224

Background



This preview shows how black text looks on a background with the XYZ color 22.2901, 11.5781, 2.2224.



This preview shows how white text looks on a background with the XYZ color 22.2901, 11.5781,

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

22.2901, 11.5781, 2.2224

Protanopia

11.0651, 12.1287, 4.4472

Deuteranopia

12.0827, 12.0397, 1.6871



Tritanopia

21.9387, 11.6074, 1.0841

Trichromacy



Original Color

22.2901, 11.5781, 2.2224

Protanomaly

12.9208, 9.4228, 3.1453

Deuteranomaly

13.9958, 9.7653, 1.4638

Tritanomaly

21.9426, 11.5185, 1.3834

Monochromacy



Original Color

22.2901, 11.5781, 2.2224

Achromatopsia

5.0244, 5.2861, 5.7565

Achromatomaly

8.2026, 5.4940, 3.8769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2901, 11.5781, 2.2224 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(193, 7, 29)` looks like.

```
.text, #text, p{  
  color:rgb(193, 7, 29)  
}
```

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(193, 7, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 7, 29) }
```

Border

The CSS property to change the border of an element to XYZ 22.2901, 11.5781, 2.2224 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(193, 7, 29) }
```


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

```
.border{ border-color:rgb(193, 7, 29) }
```

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

Here you see how a box with a 4 pixel rgb(193, 7, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 7, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 7, 29);  
box-shadow:4px 4px 4px 4px rgb(193, 7, 29)  
}
```

Background

The CSS property to change the background color of an element to XYZ 22.2901, 11.5781, 2.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 7, 29) }
```

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

```
.background{ background-color: rgb(193, 7,  
29) }
```

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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