

Converting Colors

XYZ(22.4515, 15.9292, 7.5215)

Have a look what the booklet for
XYZ(22.4515, 15.9292, 7.5215)
contains.

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Color

**XYZ(22.4516, 15.9292,
7.5215)**

Conversions

Conversions Part 1

Format	Color
Hex	B25245
RGB	178, 82, 69
RGB Percent	70%, 32%, 27%
CMY	0.3020, 0.6784, 0.7294
CMYK	0.00, 0.54, 0.61, 0.30
HSL	7°, 44%, 48%
HSV	7°, 61%, 70%
XYZ	22.4516, 15.9292, 7.5215
YIQ	109.2220, 61.3890, 16.3090

Conversions

Conversions Part 2

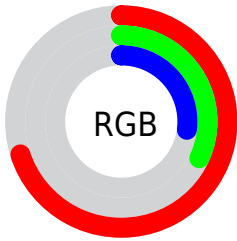
Format	Color
R_{YB}	178, 84, 69
Decimal	11686469
CIE _{Lab}	46.88, 38.04, 26.35
CIE _{LCh}	47, 46.278, 34.713
Yxy	15.9292, 0.4891, 0.3470
Android (android.graphics.Color)	4289876549 (0xFFB25245)
YUV	109.2220, -19.8294, 60.3183
Hunter-Lab	39.9114, 30.5677, 16.7645

Details

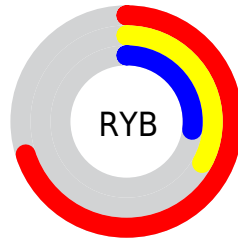
The XYZ color **22.4516, 15.9292, 7.5215** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.9444, 31.3880, 46.9159**, and the grayscale version is **14.6417, 15.4042, 16.7752**.

A 20% lighter version of the original color is **46.9959, 36.5117, 21.4001**, and **8.4112, 5.0432, 1.4498** is the 20% darker color. If you saturate the color by 10%, you get **20.9296, 13.6408, 4.6850**, and if you desaturate by 10%, it is **24.4102, 18.8258, 11.3213**.

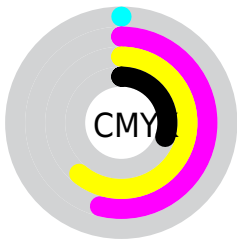
Distribution



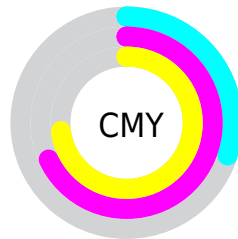
- Red (70%)
- Green (32%)
- Blue (27%)



- Red (70%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (54%)
- Yellow (61%)
- Black (30%)



- Cyan (30%)
- Magenta (68%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4516, 15.9292, 7.5215 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 22.4516, 15.9292, 7.5215 by changing the saturation by 10% instead.

■ 22.4516, 15.9292,
7.5215

■ 22.4516, 15.9292,
7.5215

257.4839,
228.9236, 181.7213

■ 14.3076, 9.4741,
3.7070

■ 46.9646, 36.4752,
21.5454

■ 8.4180, 5.0517,
1.4660

■ 64.0642, 51.3350,
32.5918

■ 4.4176, 2.2776,
0.1924

■ 84.8798, 69.7650,
46.8860

■ 1.9410, 0.7618,
0.0000

■ 109.7767, 92.1497,
64.8464

■ 0.6005, 0.0000,
0.0000

■ 139.1201,
118.8735, 86.8916

■ 0.0000, 0.0000,
0.0000

173.2756,

150.3209, 113.4401

212.6084,
186.8761, 144.9105

■ 22.4516, 15.9292,
7.5215

■ 22.4516, 15.9292,
7.5215

■ 20.9296, 13.6408,
4.6850

■ 24.4102, 18.8258,
11.3213

■ 19.8090, 11.9145,
2.7241

■ 26.8345, 22.3670,
16.1601

■ 19.0510, 10.7019,
1.5363

■ 29.7526, 26.5896,
22.1069

■ 18.6326, 10.0101,
0.9501

■ 33.1897, 31.5268,
29.2245

■ 37.1696, 37.2095,
37.5711

■ 41.7145, 43.6670,
47.2009

■ 46.8453, 50.9269,
58.1649

■ 52.5818, 59.0154,
70.5114

■ 58.9431, 67.9577,
84.2861

Harmonies

Analogous

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



24.2589, 15.9292, 15.5824



22.4516, 15.9292, 7.5215



18.7003, 15.9292, 4.0157

Triad

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



22.4516, 15.9292, 7.5215



9.1550, 15.9292, 9.4818



15.7865, 15.9292, 50.2309

Complementary

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



22.4516, 15.9292, 7.5215



23.9444, 31.3880, 46.9159

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.



12.0634, 15.9292, 46.1740



22.4516, 15.9292, 7.5215



8.6519, 15.9292, 19.2340

Square

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



22.4516, 15.9292, 7.5215



11.1394, 15.9292, 4.7439



9.6183, 15.9292, 33.3159



19.9999, 15.9292, 42.7563

Rectangle

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



22.4516, 15.9292, 7.5215



15.8661, 15.9292, 3.2967



9.6183, 15.9292, 33.3159



14.4369, 15.9292, 50.1916

Sweetspot

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



22.4520, 15.9301, 7.5218



62.1944, 60.0430, 57.1878



27.3056, 16.4482, 37.4683



13.3401, 12.6743, 11.7529



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



22.4520, 15.9301, 7.5218



37.2654, 23.6850, 7.2596



28.2690, 27.5641, 9.4608



8.5754, 8.6632, 8.8727



13.3573, 7.2132, 0.6883



0.4464, 0.2791, 0.0304

Inverse Universe

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



23.9444, 31.3880, 46.9159



40.1037, 53.8809, 84.6675



16.1510, 15.8013, 44.3181



8.6544, 9.4550, 10.8752



14.3782, 19.5569, 33.1540



0.4766, 0.6638, 1.0512

Previews

White Background



This preview shows how the XYZ color 22.4516, 15.9292, 7.5215 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 22.4516, 15.9292, 7.5215 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 22.4516, 15.9292, 7.5215

Background



This preview shows how black text looks on a background with the XYZ color 22.4516, 15.9292, 7.5215.



This preview shows how white text looks on a background with the XYZ color 22.4516, 15.9292,

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

22.4516, 15.9292, 7.5215

Protanopia

15.0251, 16.1755, 10.1149

Deuteranopia

16.3365, 16.1198, 7.1009



Tritanopia

23.0988, 15.9769, 10.4607

Trichromacy



Original Color

22.4516, 15.9292, 7.5215

Protanomaly

16.9777, 15.5059, 9.1193

Deuteranomaly

18.1135, 15.7080, 7.2315

Tritanomaly

22.9441, 16.0331, 9.2825

Monochromacy



Original Color

22.4516, 15.9292, 7.5215

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.3137, 14.8002, 12.5866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4516, 15.9292, 7.5215 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(178, 82, 69)` looks like.

```
.text, #text, p{  
    color:rgb(178, 82, 69)  
}
```

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(178, 82, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 82, 69) }
```

Border

The CSS property to change the border of an element to XYZ 22.4516, 15.9292, 7.5215 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(178, 82, 69) }
```


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

```
.border{ border-color:rgb(178, 82, 69) }
```

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

Here you see how a box with a 4 pixel rgb(178, 82, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 82, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 82, 69);  
box-shadow:4px 4px 4px 4px rgb(178, 82,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4516, 15.9292, 7.5215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 82, 69) }
```

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

```
.background{ background-color: rgb(178, 82,  
69) }
```

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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