

Converting Colors

XYZ(22.2475, 14.8966, 7.7574)

Have a look what the booklet for
XYZ(22.2475, 14.8966, 7.7574)
contains.

XYZ(22.1426, 14.8167, 7.8237)	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(22.1426, 14.8167,
7.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	B34948
RGB	179, 73, 72
RGB Percent	70%, 29%, 28%
CMY	0.2980, 0.7137, 0.7176
CMYK	0.00, 0.59, 0.60, 0.30
HSL	1°, 43%, 49%
HSV	1°, 60%, 70%
XYZ	22.1426, 14.8167, 7.8237
YIQ	104.5800, 63.4970, 22.1610

Conversions

Conversions Part 2

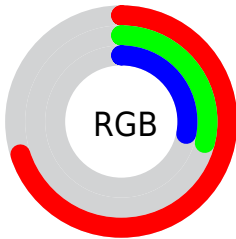
Format	Color
R_{YB}	179, 73, 72
Decimal	11749704
CIE _{Lab}	45.38, 43.08, 22.68
CIE _{LCh}	45, 48.686, 27.770
Yxy	14.8167, 0.4944, 0.3309
Android (android.graphics.Color)	4289939784 (0xFFB34948)
YUV	104.5800, -16.0619, 65.2663
Hunter-Lab	38.4925, 35.3194, 14.8939

Details

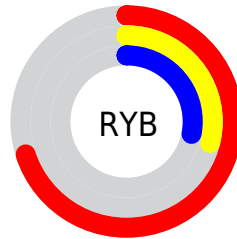
The XYZ color **22.1426, 14.8167, 7.8237** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.7280, 36.4702, 48.2782**, and the grayscale version is **13.3444, 14.0393, 15.2888**.

A 20% lighter version of the original color is **46.3814, 34.3984, 22.2842**, and **8.2952, 4.5497, 1.5396** is the 20% darker color. If you saturate the color by 10%, you get **20.6378, 12.6095, 4.8486**, and if you desaturate by 10%, it is **24.1502, 17.7577, 11.8053**.

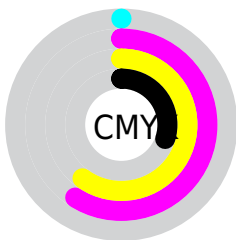
Distribution



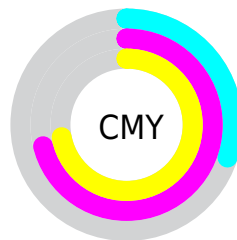
- Red (70%)
- Green (29%)
- Blue (28%)



- Red (70%)
- Yellow (29%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (30%)



- Cyan (30%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1426, 14.8167, 7.8237 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 22.1426, 14.8167, 7.8237 by changing the saturation by 10% instead.

■ 22.1426, 14.8167,
7.8237

■ 22.1426, 14.8167,
7.8237

255.9084,
222.2541, 184.2253

■ 14.0789, 8.6908,
3.8962

■ 46.4587, 34.5313,
22.1525

■ 8.2576, 4.5401,
1.5686

■ 63.4418, 48.8888,
33.3909

■ 4.3134, 1.9800,
0.2682

■ 84.1287, 66.7590,
47.9034

■ 1.8809, 0.5958,
0.0000

■ 108.8848, 88.5263,
66.1084

■ 0.5657, 0.0000,
0.0000

■ 138.0755,
114.5751, 88.4246

■ 0.0000, 0.0000,
0.0000

172.0661,

145.2897, 115.2704

211.2220,
181.0545, 147.0645

■ 22.1426, 14.8167,
7.8237

■ 22.1426, 14.8167,
7.8237

■ 20.6378, 12.6095,
4.8486

■ 24.1502, 17.7577,
11.8053

■ 19.5904, 11.0695,
2.7893

■ 26.6987, 21.4866,
16.8718

■ 18.9488, 10.1220,
1.5403

■ 29.8235, 26.0556,
23.0947

■ 18.6150, 9.6297,
0.8891

■ 33.5569, 31.5113,
30.5392

■ 18.6085, 9.6202,
0.8761

■ 37.9288, 37.8972,
39.2657

■ 42.9671, 45.2537,
49.3304

■ 48.6979, 53.6191,
60.7865

■ 55.1463, 63.0294,
73.6840

■ 62.3356, 73.5189,
88.0706

Harmonies

Analogous

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



23.3673, 14.8167, 17.0148



22.1426, 14.8167, 7.8237



18.6493, 14.8167, 3.6771

Triad

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



22.1426, 14.8167, 7.8237



8.4770, 14.8167, 6.9335



13.7825, 14.8167, 50.1756

Complementary

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



22.1426, 14.8167, 7.8237



26.7280, 36.4702, 48.2782

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.



10.3302, 14.8167, 43.2475



22.1426, 14.8167, 7.8237



7.6552, 14.8167, 15.2819

Square

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



22.1426, 14.8167, 7.8237



10.7623, 14.8167, 3.3633



8.2631, 14.8167, 28.8891



18.0245, 14.8167, 44.9410

Rectangle

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



22.1426, 14.8167, 7.8237



15.7948, 14.8167, 2.6900



8.2631, 14.8167, 28.8891



12.4993, 14.8167, 49.1421

Sweetspot

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



22.1430, 14.8175, 7.8240



61.1797, 58.0137, 56.8496



29.0442, 17.4730, 44.4893



13.0906, 12.1754, 11.6698



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.



22.1430, 14.8175, 7.8240



36.2286, 21.5061, 7.2387



27.1570, 24.8456, 9.4953



8.5026, 8.5176, 8.8485



13.1525, 6.8036, 0.6200



0.4159, 0.2183, 0.0202

Inverse Universe

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



26.7280, 36.4702, 48.2782



45.1809, 63.8121, 86.3169



18.2062, 19.4265, 45.4376



8.7357, 9.6176, 10.9023



16.9068, 24.6140, 33.9969



0.5341, 0.7788, 1.0704

Previews

White Background



This preview shows how the XYZ color 22.1426, 14.8167, 7.8237 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 22.1426, 14.8167, 7.8237 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 22.1426, 14.8167, 7.8237

Background



This preview shows how black text looks on a background with the XYZ color 22.1426, 14.8167, 7.8237.



This preview shows how white text looks on a background with the XYZ color 22.1426, 14.8167,

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

22.1426, 14.8167, 7.8237

Protanopia

14.1531, 15.0581, 11.1774

Deuteranopia

15.2234, 14.9310, 7.3898



Tritanopia

22.2473, 14.7543, 8.6965

Trichromacy



Original Color

22.1426, 14.8167, 7.8237

Protanomaly

16.0964, 14.1969, 9.8745

Deuteranomaly

17.1141, 14.3799, 7.5038

Tritanomaly

22.1778, 14.7264, 8.3302

Monochromacy



Original Color

22.1426, 14.8167, 7.8237

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.4059, 13.5245, 12.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1426, 14.8167, 7.8237 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(179, 73, 72)` looks like.

```
.text, #text, p{  
    color:rgb(179, 73, 72)  
}
```

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(179, 73, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 73, 72) }
```

Border

The CSS property to change the border of an element to XYZ 22.1426, 14.8167, 7.8237 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(179, 73, 72) }
```


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

```
.border{ border-color:rgb(179, 73, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 73, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 73, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 73, 72);  
box-shadow:4px 4px 4px 4px rgb(179, 73,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1426, 14.8167, 7.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 73, 72) }
```

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

```
.background{ background-color: rgb(179, 73,  
72) }
```

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