

Converting Colors

XYZ(22.1949, 14.5444, 7.3484)

Have a look what the booklet for
XYZ(22.1949, 14.5444, 7.3484)
contains.

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Color

**XYZ(22.0867, 14.5133,
7.2675)**

Conversions

Conversions Part 1

Format	Color
Hex	B44645
RGB	180, 70, 69
RGB Percent	71%, 27%, 27%
CMY	0.2941, 0.7255, 0.7294
CMYK	0.00, 0.61, 0.62, 0.29
HSL	1°, 45%, 49%
HSV	1°, 62%, 71%
XYZ	22.0867, 14.5133, 7.2675
YIQ	102.7760, 65.8810, 23.0090

Conversions

Conversions Part 2

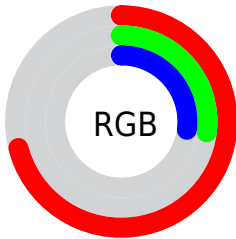
Format	Color
R_{YB}	180, 70, 69
Decimal	11814469
CIE _{Lab}	44.96, 44.64, 23.98
CIE _{LCh}	45, 50.670, 28.241
Yxy	14.5133, 0.5035, 0.3308
Android (android.graphics.Color)	4290004549 (0xFFB44645)
YUV	102.7760, -16.6516, 67.7254
Hunter-Lab	38.0963, 36.8185, 15.3569

Details

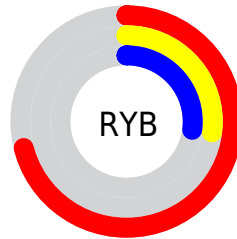
The XYZ color **22.0867, 14.5133, 7.2675** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.8112, 36.7979, 48.8693**, and the grayscale version is **12.8640, 13.5339, 14.7384**.

A 20% lighter version of the original color is **46.2290, 33.9755, 20.9510**, and **8.1913, 4.3789, 1.3908** is the 20% darker color. If you saturate the color by 10%, you get **20.6554, 12.4135, 4.4394**, and if you desaturate by 10%, it is **24.0195, 17.3452, 11.0990**.

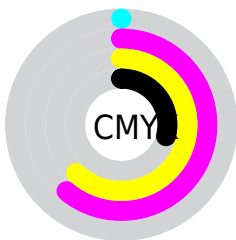
Distribution



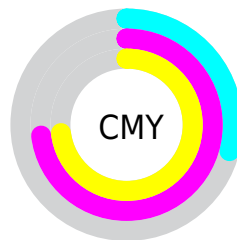
- Red (71%)
- Green (27%)
- Blue (27%)



- Red (71%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0867, 14.5133, 7.2675 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 22.0867, 14.5133, 7.2675 by changing the saturation by 10% instead.

■ 22.0867, 14.5133,
7.2675

■ 22.0867, 14.5133,
7.2675

255.6226,
220.4011, 179.5827

■ 14.0376, 8.4785,
3.5490

■ 46.3670, 33.9971,
21.0313

■ 8.2287, 4.4026,
1.3813

■ 63.3290, 48.2149,
31.9137

■ 4.2947, 1.9013,
0.1271

■ 83.9925, 65.9291,
46.0211

■ 1.8701, 0.5491,
0.0000

■ 108.7231, 87.5242,
63.7721

■ 0.5594, 0.0000,
0.0000

■ 137.8861,
113.3846, 85.5852

■ 0.0000, 0.0000,
0.0000

171.8467,

143.8946, 111.8790

210.9704,
179.4386, 143.0720

■ 22.0867, 14.5133,
7.2675

■ 22.0867, 14.5133,
7.2675

■ 20.6554, 12.4135,
4.4394

■ 24.0195, 17.3452,
11.0990

■ 19.6784, 10.9763,
2.5204

■ 26.4933, 20.9655,
16.0152

■ 19.1012, 10.1232,
1.3992

■ 29.5447, 25.4279,
22.0900

■ 18.8400, 9.7386,
0.8868

■ 33.2072, 30.7807,
29.3906

■ 37.5113, 37.0684,
37.9790

■ 42.4857, 44.3328,
47.9130

■ 48.1573, 52.6128,
59.2471

■ 54.5517, 61.9456,
72.0325

■ 61.6928, 72.3662,
86.3180

Harmonies

Analogous

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



23.4071, 14.5133, 16.5146



22.0867, 14.5133, 7.2675



18.4356, 14.5133, 3.2471

Triad

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



22.0867, 14.5133, 7.2675



8.0609, 14.5133, 6.5672



13.5509, 14.5133, 51.4221

Complementary

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



22.0867, 14.5133, 7.2675



26.8112, 36.7979, 48.8693

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.



10.0060, 14.5133, 44.2890



22.0867, 14.5133, 7.2675



7.2567, 14.5133, 15.1112

Square

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



22.0867, 14.5133, 7.2675



10.3525, 14.5133, 3.0088



7.8909, 14.5133, 29.2713



17.9255, 14.5133, 45.6984

Rectangle

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



22.0867, 14.5133, 7.2675



15.4856, 14.5133, 2.3265



7.8909, 14.5133, 29.2713



12.2312, 14.5133, 50.3994

Sweetspot

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



22.0870, 14.5141, 7.2677



62.7005, 59.4481, 58.2555



29.1886, 17.2548, 44.9718



13.0898, 12.1738, 11.6695



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.



22.0870, 14.5141, 7.2677



36.7250, 21.4386, 6.6168



27.1669, 24.6739, 8.9610



8.5023, 8.5172, 8.8484



13.1519, 6.8024, 0.6198



0.4159, 0.2181, 0.0202

Inverse Universe

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



26.8112, 36.7979, 48.8693



46.0082, 65.2597, 88.4661



17.9629, 19.1015, 45.9199



8.7359, 9.6181, 10.9024



16.9153, 24.6309, 33.9997



0.5343, 0.7792, 1.0705

Previews

White Background



This preview shows how the XYZ color 22.0867, 14.5133, 7.2675 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 22.0867, 14.5133, 7.2675 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 22.0867, 14.5133, 7.2675

Background



This preview shows how black text looks on a background with the XYZ color 22.0867, 14.5133, 7.2675.



This preview shows how white text looks on a background with the XYZ color 22.0867, 14.5133,

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

22.0867, 14.5133, 7.2675

Protanopia

13.7974, 14.7329, 10.5040

Deuteranopia

14.8827, 14.6187, 6.8878



Tritanopia

22.1865, 14.4540, 8.0991

Trichromacy



Original Color

22.0867, 14.5133, 7.2675

Protanomaly

15.8952, 13.9732, 9.2565

Deuteranomaly

16.8523, 14.0016, 6.9686

Tritanomaly

22.1202, 14.4274, 7.7498

Monochromacy



Original Color

22.0867, 14.5133, 7.2675

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.9895, 13.0628, 11.6289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0867, 14.5133, 7.2675 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(180, 70, 69)` looks like.

```
.text, #text, p{  
    color:rgb(180, 70, 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(180, 70, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 70, 69) }
```

Border

The CSS property to change the border of an element to XYZ 22.0867, 14.5133, 7.2675 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(180, 70, 69) }
```


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

```
.border{ border-color:rgb(180, 70, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 70, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 70, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 70, 69);  
box-shadow:4px 4px 4px 4px rgb(180, 70,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0867, 14.5133, 7.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 70, 69) }
```

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

```
.background{ background-color: rgb(180, 70,  
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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