

Converting Colors

XYZ(19.9105, 14.3950, 7.5235)

Have a look what the booklet for
XYZ(19.9105, 14.3950, 7.5235)
contains.

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Color

**XYZ(19.9105, 14.3950,
7.5235)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A75046 |
| RGB | 167, 80, 70 |
| RGB Percent | 65%, 31%, 27% |
| CMY | 0.3451, 0.6863, 0.7255 |
| CMYK | 0.00, 0.52, 0.58, 0.35 |
| HSL | 6°, 41%, 46% |
| HSV | 6°, 58%, 65% |
| XYZ | 19.9105, 14.3950, 7.5235 |
| YIQ | 104.8730, 55.0620, 15.3340 |

Conversions

Conversions Part 2

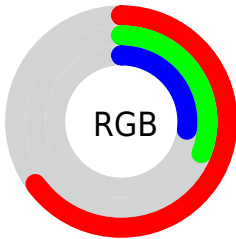
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 167, 81, 70 |
| Decimal | 10965062 |
| CIELab | 44.79, 34.91, 22.75 |
| CIElCh | 45, 41.665, 33.091 |
| Yxy | 14.3950, 0.4760, 0.3441 |
| Android (android.graphics.Color) | 4289155142 (0xFFA75046) |
| YUV | 104.8730, -17.1924, 54.4854 |
| Hunter-Lab | 37.9407, 27.2767, 14.8015 |

Details

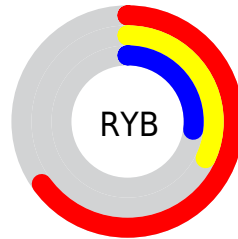
The XYZ color **19.9105, 14.3950, 7.5235** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **21.5570, 28.2045, 40.8669**, and the grayscale version is **13.4279, 14.1272, 15.3846**.

A 20% lighter version of the original color is **42.7503, 33.7094, 21.3929**, and **7.0811, 4.3181, 1.4375** is the 20% darker color. If you saturate the color by 10%, you get **18.4777, 12.2591, 4.7969**, and if you desaturate by 10%, it is **21.7350, 17.0800, 11.1041**.

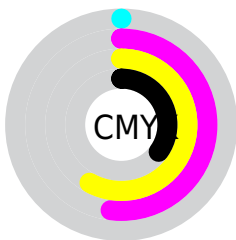
Distribution



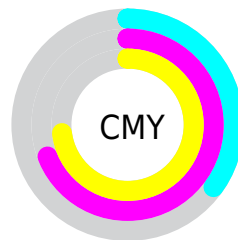
- Red (65%)
- Green (31%)
- Blue (27%)



- Red (65%)
- Yellow (32%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (58%)
- Black (35%)



- Cyan (35%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9105, 14.3950, 7.5235 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 19.9105, 14.3950, 7.5235 by changing the saturation by 10% instead.

■ 19.9105, 14.3950,
7.5235

■ 19.9105, 14.3950,
7.5235

244.2730,
219.6745, 181.7381

■ 12.4379, 8.3959,
3.7082

■ 42.7722, 33.7883,
21.5494

■ 7.1169, 4.3493,
1.4667

■ 58.8919, 47.9512,
32.5971

■ 3.5823, 1.8708,
0.1929

■ 78.6248, 65.6043,
46.8927

■ 1.4687, 0.5307,
0.0000

■ 102.3361, 87.1318,
64.8548

■ 0.3044, 0.0000,
0.0000

■ 130.3912,
112.9182, 86.9018

■ 0.0000, 0.0000,
0.0000

163.1555,

143.3478, 113.4523

200.9943,
178.8051, 144.9249

■ 19.9105, 14.3950,
7.5235

■ 19.9105, 14.3950,
7.5235

■ 18.4777, 12.2591,
4.7969

■ 21.7350, 17.0800,
11.1041

■ 17.4067, 10.6320,
2.8524

■ 23.9763, 20.3461,
15.6012

■ 16.6648, 9.4720,
1.6071

■ 26.6583, 24.2255,
21.0724

■ 16.2056, 8.7261,
0.9221

■ 29.8031, 28.7474,
27.5701

■ 16.1402, 8.6233,
0.8138

■ 33.4311, 33.9390,
35.1432

■ 37.5615, 39.8263,
43.8374

■ 42.2125, 46.4335,
53.6957

■ 47.4014, 53.7838,
64.7589

■ 53.1448, 61.8994,
77.0658

Harmonies

Analogous

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



21.2883, 14.3950, 14.6873



19.9105, 14.3950, 7.5235



16.8533, 14.3950, 4.2164

Triad

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



19.9105, 14.3950, 7.5235



8.6485, 14.3950, 8.6452



14.0369, 14.3950, 42.7255

Complementary

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



19.9105, 14.3950, 7.5235



21.5570, 28.2045, 40.8669

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.



10.9358, 14.3950, 38.9467



19.9105, 14.3950, 7.5235



8.1451, 14.3950, 16.7033

Square

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



19.9105, 14.3950, 7.5235



10.4192, 14.3950, 4.6505



8.9103, 14.3950, 28.2532



17.5634, 14.3950, 37.1269

Rectangle

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



19.9105, 14.3950, 7.5235



14.4822, 14.3950, 3.4775



8.9103, 14.3950, 28.2532



12.9119, 14.3950, 42.5141

Sweetspot

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



19.9108, 14.3958, 7.5238



53.8481, 52.1624, 50.3582



24.2379, 15.0405, 33.6583



11.7914, 11.3018, 10.7318



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



19.9108, 14.3958, 7.5238



32.4141, 20.9319, 7.3367



24.7871, 24.1483, 9.1492



7.5911, 7.6622, 7.8681



12.3691, 6.6355, 0.6288



0.3195, 0.1986, 0.0215

Inverse Universe

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



21.5570, 28.2045, 40.8669



35.5837, 47.9419, 72.8535



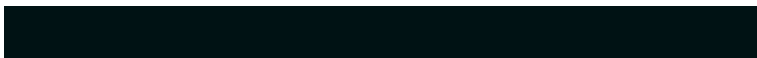
14.9482, 14.9869, 38.6639



7.6805, 8.3979, 9.6345



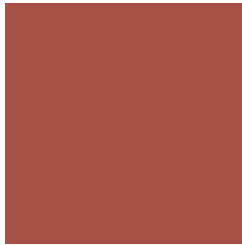
13.6765, 18.8131, 30.8860



0.3510, 0.4942, 0.7575

Previews

White Background



This preview shows how the XYZ color 19.9105, 14.3950, 7.5235 looks on a white background.

Color Contrast Check

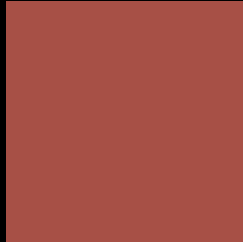
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9105, 14.3950, 7.5235 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 19.9105, 14.3950, 7.5235

Background



This preview shows how black text looks on a background with the XYZ color 19.9105, 14.3950, 7.5235.



This preview shows how white text looks on a background with the XYZ color 19.9105, 14.3950,

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

19.9105, 14.3950, 7.5235

Protanopia

13.5787, 14.4796, 9.8637

Deuteranopia

14.7880, 14.5632, 7.1858



Tritanopia

20.4342, 14.3981, 9.8857

Trichromacy



Original Color

19.9105, 14.3950, 7.5235

Protanomaly

15.2871, 14.0718, 8.9316

Deuteranomaly

16.3435, 14.2503, 7.1994

Tritanomaly

20.3196, 14.4669, 8.9291

Monochromacy



Original Color

19.9105, 14.3950, 7.5235

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.0167, 13.7276, 11.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9105, 14.3950, 7.5235 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(167, 80, 70)` looks like.

```
.text, #text, p{  
    color:rgb(167, 80, 70)  
}
```

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(167, 80, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 80, 70) }
```

Border

The CSS property to change the border of an element to XYZ 19.9105, 14.3950, 7.5235 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(167, 80, 70) }
```


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

```
.border{ border-color:rgb(167, 80, 70) }
```

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

Here you see how a box with a 4 pixel rgb(167, 80, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 80, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 80, 70);  
box-shadow:4px 4px 4px 4px rgb(167, 80,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9105, 14.3950, 7.5235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 80, 70) }
```

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

```
.background{ background-color: rgb(167, 80,  
70) }
```

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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