

Converting Colors

XYZ(14.6751, 9.4308, 2.4281)

Have a look what the booklet for
XYZ(14.6751, 9.4308, 2.4281)
contains.

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Color

**XYZ(14.6707, 9.4228,
2.4121)**

Conversions

Conversions Part 1

Format	Color
Hex	993520
RGB	153, 53, 32
RGB Percent	60%, 21%, 13%
CMY	0.4000, 0.7921, 0.8745
CMYK	0.00, 0.65, 0.79, 0.40
HSL	10°, 65%, 36%
HSV	10°, 79%, 60%
XYZ	14.6707, 9.4228, 2.4121
YIQ	80.5060, 66.3410, 14.6690

Conversions

Conversions Part 2

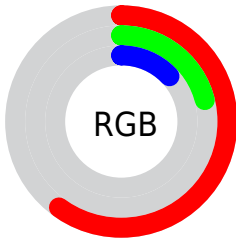
Format	Color
R_{YB}	153, 57, 32
Decimal	10040608
CIE _{Lab}	36.79, 40.68, 34.84
CIE _{LCh}	37, 53.563, 40.575
Yxy	9.4228, 0.5535, 0.3555
Android (android.graphics.Color)	4288230688 (0xFF993520)
YUV	80.5060, -23.9135, 63.5772
Hunter-Lab	30.6966, 31.5908, 16.8287

Details

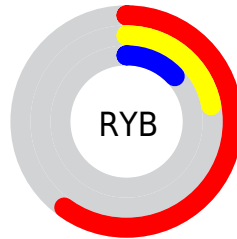
The XYZ color **14.6707, 9.4228, 2.4121** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.5960, 19.1081, 33.0557**, and the grayscale version is **7.7606, 8.1648, 8.8914**.

A 20% lighter version of the original color is **33.7660, 24.5968, 10.1757**, and **4.7193, 2.4329, 0.2209** is the 20% darker color. If you saturate the color by 10%, you get **14.0067, 8.3539, 1.3924**, and if you desaturate by 10%, it is **15.5838, 10.8356, 3.9914**.

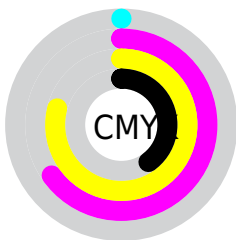
Distribution



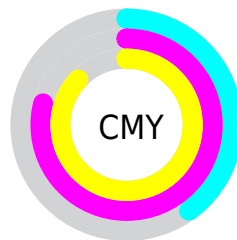
- Red (60%)
- Green (21%)
- Blue (13%)



- Red (60%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (79%)
- Black (40%)




- Cyan (40%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6707, 9.4228, 2.4121 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 14.6707, 9.4228, 2.4121 by changing the saturation by 10% instead.


 14.6707, 9.4228,
2.4121


 14.6707, 9.4228,
2.4121


214.7924,
186.5014, 128.4793


 8.6734, 5.0180,
0.7930


 33.8509, 24.7040,
10.1396


 4.5842, 2.2578,
0.0000

 47.7645, 36.3492,
17.0950


 2.0376, 0.7512,
0.0000

 65.0475, 51.1767,
26.6696

 0.6550, 0.0000,
0.0000


 86.0654, 69.5708,
39.2820

 0.0000, 0.0000,
0.0000

 111.1835, 91.9159,
55.3506

 140.7671,


118.5964, 75.2940


 175.1817,
149.9968, 99.5307


 14.6707, 9.4228,
2.4121


 14.6707, 9.4228,
2.4121


 14.0067, 8.3539,
1.3924


 15.5838, 10.8356,
3.9914


 13.5531, 7.5926,
0.7914

 16.7682, 12.6174,
6.1960

 13.5187, 7.5361,
0.7421

 18.2442, 14.7925,
9.0829

 20.0299, 17.3829,
12.7023

 22.1418, 20.4086,
17.0999

■ 24.5954, 23.8887,
22.3176

■ 27.4052, 27.8410,
28.3943

■ 30.5847, 32.2821,
35.3664

■ 34.1466, 37.2281,
43.2681

Harmonies

Analogous

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



16.7238, 9.4228, 7.2815



14.6707, 9.4228, 2.4121



11.2287, 9.4228, 0.9026

Triad

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



14.6707, 9.4228, 2.4121



4.2173, 9.4228, 5.3376



10.1678, 9.4228, 40.3561

Complementary

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



14.6707, 9.4228, 2.4121



14.5960, 19.1081, 33.0557

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.



7.0129, 9.4228, 38.5800



14.6707, 9.4228, 2.4121



4.0662, 9.4228, 13.9563

Square

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



14.6707, 9.4228, 2.4121



5.4397, 9.4228, 1.7348



4.9596, 9.4228, 27.1287



13.7324, 9.4228, 31.0864

Rectangle

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



14.6707, 9.4228, 2.4121



8.8928, 9.4228, 0.6896



4.9596, 9.4228, 27.1287



9.0197, 9.4228, 41.1253

Sweetspot

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



14.6709, 9.4233, 2.4123



41.6017, 39.3198, 34.7449



17.8755, 9.4942, 23.0204



8.8778, 8.2441, 7.0191



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.6709, 9.4233, 2.4123



24.4359, 13.8597, 1.6728



19.2655, 18.6126, 3.9438



6.2912, 6.3875, 6.5072



11.1912, 6.2649, 0.6194



0.1863, 0.1317, 0.0156

Inverse Universe

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



14.5960, 19.1081, 33.0557



24.0757, 31.4911, 58.7814



8.6845, 7.2850, 31.0852



6.2933, 6.8440, 7.9183



10.9863, 14.3693, 27.1022



0.1855, 0.2573, 0.4123

Previews

White Background



This preview shows how the XYZ color 14.6707, 9.4228, 2.4121 looks on a white background.

Color Contrast Check

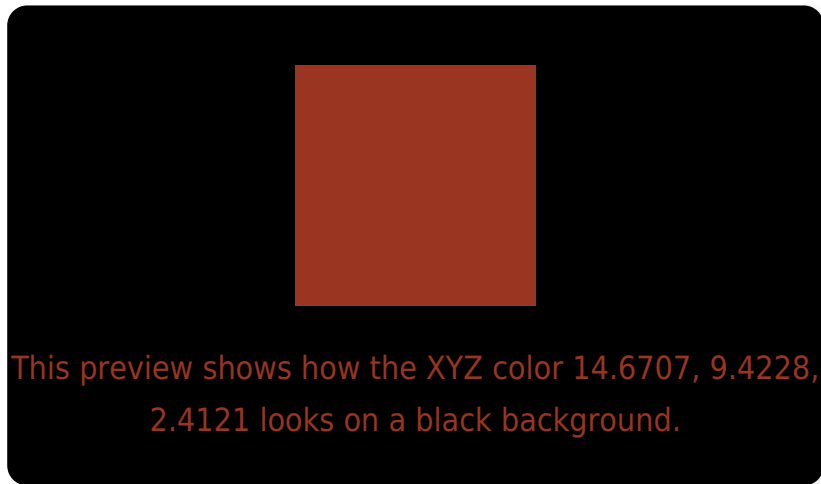
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 14.6707, 9.4228, 2.4121

Background



This preview shows how black text looks on a background with the XYZ color 14.6707, 9.4228, 2.4121.



This preview shows how white text looks on a background with the XYZ color 14.6707, 9.4228,

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

14.6707, 9.4228, 2.4121

Protanopia

8.8374, 9.6880, 3.5947

Deuteranopia

9.6885, 9.5675, 2.2002



Tritanopia

15.1096, 9.4083, 4.3878

Trichromacy



Original Color

14.6707, 9.4228, 2.4121

Protanomaly

10.2020, 8.9540, 3.0243

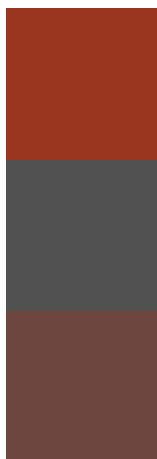
Deuteranomaly

11.1194, 9.1495, 2.2169

Tritanomaly

14.9839, 9.4271, 3.5125

Monochromacy



Original Color

14.6707, 9.4228, 2.4121

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.2138, 7.9912, 5.7595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6707, 9.4228, 2.4121 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(153, 53, 32)` looks like.

```
.text, #text, p{  
    color:rgb(153, 53, 32)  
}
```

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(153, 53, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 53, 32) }
```

Border

The CSS property to change the border of an element to XYZ 14.6707, 9.4228, 2.4121 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(153, 53, 32) }
```


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

```
.border{ border-color:rgb(153, 53, 32) }
```

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

Here you see how a box with a 4 pixel rgb(153, 53, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 53, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 53, 32);  
box-shadow:4px 4px 4px 4px rgb(153, 53,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6707, 9.4228, 2.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 53, 32) }
```

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

```
.background{ background-color: rgb(153, 53,  
32) }
```

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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