

Converting Colors

XYZ(14.7149, 8.6650, 1.2986)

Have a look what the booklet for
XYZ(14.7149, 8.6650, 1.2986)
contains.

XYZ(14.7094, 8.6508, 1.3100)	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(14.7094, 8.6508,
1.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	9D270E
RGB	157, 39, 14
RGB Percent	62%, 15%, 5%
CMY	0.3843, 0.8470, 0.9451
CMYK	0.00, 0.75, 0.91, 0.38
HSL	10°, 84%, 34%
HSV	10°, 91%, 62%
XYZ	14.7094, 8.6508, 1.3100
YIQ	71.4320, 78.3530, 17.2410

Conversions

Conversions Part 2

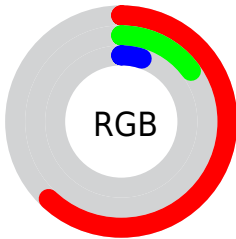
Format	Color
R_{YB}	157, 44, 14
Decimal	10299150
CIE _{Lab}	35.30, 47.31, 42.63
CIE _{LCh}	35, 63.681, 42.017
Yxy	8.6508, 0.5962, 0.3507
Android (android.graphics.Color)	4288489230 (0xFF9D270E)
YUV	71.4320, -28.3140, 75.0431
Hunter-Lab	29.4122, 37.7985, 17.9478

Details

The XYZ color **14.7094, 8.6508, 1.3100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.5173, 19.0284, 34.8058**, and the grayscale version is **6.1004, 6.4181, 6.9893**.

A 20% lighter version of the original color is **33.9701, 23.2257, 7.1075**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.3070, 7.9729, 0.7849**, and if you desaturate by 10%, it is **15.3614, 9.7129, 2.2736**.

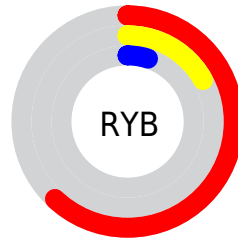
Distribution



Red (62%)

Green (15%)

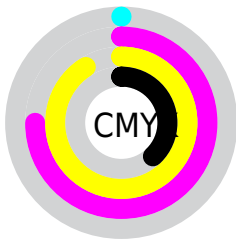
Blue (5%)



Red (62%)

Yellow (17%)

Blue (5%)

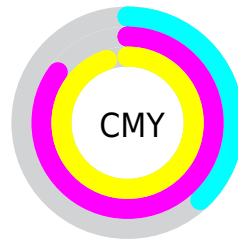


Cyan (0%)

Magenta (75%)

Yellow (91%)

Black (38%)



Cyan (38%)


Magenta (85%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7094, 8.6508, 1.3100 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 14.7094, 8.6508, 1.3100 by changing the saturation by 10% instead.


 14.7094, 8.6508,
1.3100


 14.7094, 8.6508,
1.3100


 215.0239,
180.7511, 110.5256


 8.7007, 4.5141,
0.0700


 33.9184, 23.2247,
7.0501


 4.6020, 1.9651,
0.0000

 47.8494, 34.4308,
12.6353


 2.0480, 0.5871,
0.0000

 65.1519, 48.7621,
20.5885

 0.6607, 0.0000,
0.0000

 86.1912, 66.6030,
31.3285

 0.0000, 0.0000,
0.0000


 111.3328, 88.3380,
45.2736


 140.9418,


114.3514, 62.8425


 175.3837,
145.0276, 84.4536


 14.7094, 8.6508,
1.3100


 14.7094, 8.6508,
1.3100


 14.3070, 7.9729,
0.7849

 15.3614, 9.7129,
2.2736

 16.2715, 11.1317,
3.8144

 17.4648, 12.9366,
6.0058

 18.9633, 15.1535,
8.9100

 20.7866, 17.8061,
12.5819

■ 22.9525, 20.9160,
17.0712

■ 25.4778, 24.5036,
22.4230

■ 28.3779, 28.5880,
28.6795

■ 31.6675, 33.1871,
35.8800

Harmonies

Analogous

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



17.3108, 8.6508, 5.7867



14.7094, 8.6508, 1.3100



10.6161, 8.6508, 0.0208

Triad

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



14.7094, 8.6508, 1.3100



3.1475, 8.6508, 4.4311



9.7918, 8.6508, 46.6172

Complementary

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



14.7094, 8.6508, 1.3100



14.5173, 19.0284, 34.8058

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.



6.2185, 8.6508, 45.0440



14.7094, 8.6508, 1.3100



3.0477, 8.6508, 14.3217

Square

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



14.7094, 8.6508, 1.3100



4.3252, 8.6508, 0.9478



3.9935, 8.6508, 30.6527



13.9525, 8.6508, 34.0589

Rectangle

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



14.7094, 8.6508, 1.3100



7.9748, 8.6508, 0.0000



3.9935, 8.6508, 30.6527



8.4749, 8.6508, 47.8867

Sweetspot

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



14.7096, 8.6513, 1.3101



42.6415, 39.6472, 33.8055



18.3067, 9.1802, 23.0578



9.0856, 8.3003, 6.8122



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.7096, 8.6513, 1.3101



25.5229, 14.0795, 1.3724



19.4881, 18.2084, 2.9030



6.7222, 6.8244, 6.9486



11.6401, 6.5158, 0.6442



0.2310, 0.1622, 0.0191

Inverse Universe

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



14.5173, 19.0284, 34.8058



24.9621, 32.4856, 62.0814



7.9715, 5.9369, 32.6238



6.7231, 7.3120, 8.4637



11.4010, 14.8936, 28.1811



0.2275, 0.3137, 0.5118

Previews

White Background



This preview shows how the XYZ color 14.7094, 8.6508, 1.3100 looks on a white background.

Color Contrast Check

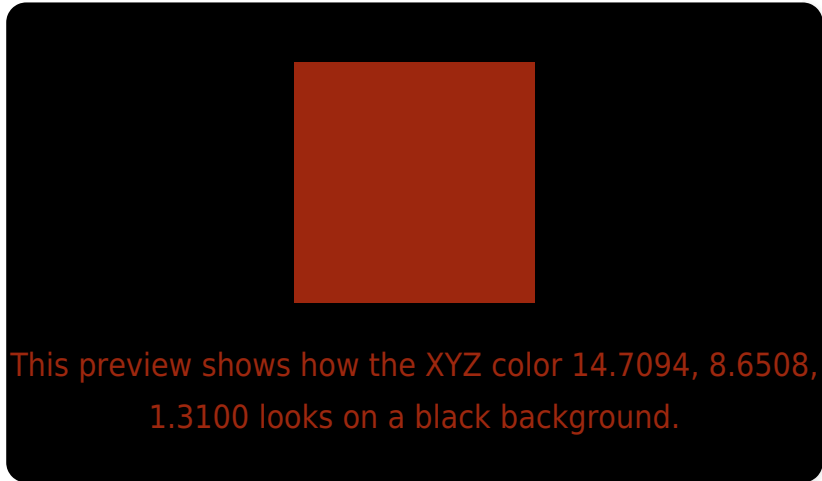
Large Text (above 18pt) WCAG AA ✓ Pass

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

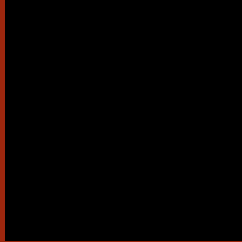
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7094, 8.6508, 1.3100

Background



This preview shows how black text looks on a background with the XYZ color 14.7094, 8.6508, 1.3100.



This preview shows how white text looks on a background with the XYZ color 14.7094, 8.6508,

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

14.7094, 8.6508, 1.3100

Protanopia

8.1433, 9.0001, 2.2277

Deuteranopia

8.9321, 8.8631, 1.2400



Tritanopia

14.9160, 8.6312, 2.7135

Trichromacy



Original Color

14.7094, 8.6508, 1.3100

Protanomaly

9.6737, 8.0399, 1.7515

Deuteranomaly

10.3751, 8.1515, 1.1702

Tritanomaly

14.8195, 8.6430, 2.0496

Monochromacy



Original Color

14.7094, 8.6508, 1.3100

Achromatopsia

5.9891, 6.3010, 6.8618

Achromatomaly

7.6192, 6.1830, 3.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7094, 8.6508, 1.3100 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(157, 39, 14)` looks like.

```
.text, #text, p{  
    color:rgb(157, 39, 14)  
}
```

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(157, 39, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 39, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.7094, 8.6508, 1.3100 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(157, 39, 14) }
```


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

```
.border{ border-color:rgb(157, 39, 14) }
```

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

Here you see how a box with a 4 pixel rgb(157, 39, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 39, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 39, 14);  
box-shadow:4px 4px 4px 4px rgb(157, 39,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7094, 8.6508, 1.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 39, 14) }
```

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

```
.background{ background-color: rgb(157, 39,  
14) }
```

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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