

Converting Colors

XYZ(11.6902, 7.0618, 1.0354)

Have a look what the booklet for
XYZ(11.6902, 7.0618, 1.0354)
contains.

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Color

**XYZ(11.7324, 7.0709,
1.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	8D260A
RGB	141, 38, 10
RGB Percent	55%, 15%, 4%
CMY	0.4471, 0.8509, 0.9608
CMYK	0.00, 0.73, 0.93, 0.45
HSL	13°, 87%, 30%
HSV	13°, 93%, 55%
XYZ	11.7324, 7.0709, 1.0336
YIQ	65.6050, 70.3760, 13.1280

Conversions

Conversions Part 2

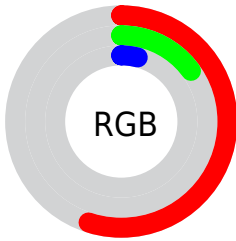
Format	Color
R_{YB}	141, 46, 10
Decimal	9250314
CIE Lab	31.97, 42.20, 40.36
CIE LCh	32, 58.388, 43.722
Yxy	7.0709, 0.5914, 0.3565
Android (android.graphics.Color)	4287440394 (0xFF8D260A)
YUV	65.6050, -27.4133, 66.1214
Hunter-Lab	26.5912, 32.2222, 16.3092

Details

The XYZ color **11.7324, 7.0709, 1.0336** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.8371, 13.7960, 27.2908**, and the grayscale version is **5.1512, 5.4194, 5.9018**.

A 20% lighter version of the original color is **28.7271, 20.1544, 6.1175**, and **3.4797, 1.7938, 0.1628** is the 20% darker color. If you saturate the color by 10%, you get **11.4524, 6.5986, 0.6701**, and if you desaturate by 10%, it is **12.2525, 7.9335, 1.7552**.

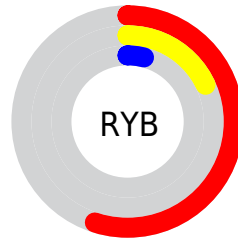
Distribution



Red (55%)

Green (15%)

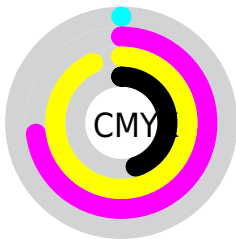
Blue (4%)



Red (55%)

Yellow (18%)

Blue (4%)

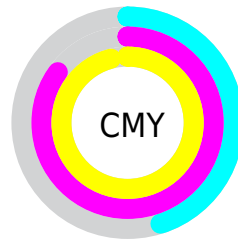


Cyan (0%)

Magenta (73%)

Yellow (93%)

Black (45%)



Cyan (45%)


Magenta (85%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7324, 7.0709, 1.0336 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 11.7324, 7.0709, 1.0336 by changing the saturation by 10% instead.

 11.7324, 7.0709,
1.0336


 11.7324, 7.0709,
1.0336


 196.4319,
168.2515, 104.8824


 6.6326, 3.5065,
0.0000


 28.6279, 20.1157,
6.1726


 3.2777, 1.4015,
0.0000

 41.1543, 30.3649,
11.3304


 1.3023, 0.2178,
0.0000

 56.8870, 43.6111,
18.7719

 0.1849, 0.0000,
0.0000

 76.1913, 60.2387,
28.9155

 0.0000, 0.0000,
0.0000

 99.4326, 80.6322,
42.1798


 126.9762,


105.1759, 58.9834

 159.1875,
134.2542, 79.7447


 11.7324, 7.0709,
1.0336


 11.7324, 7.0709,
1.0336


 11.4524, 6.5986,
0.6701

 12.2525, 7.9335,
1.7552

 12.9627, 9.0544,
2.9152

 13.8811, 10.4535,
4.5705

 15.0233, 12.1482,
6.7694

 16.4036, 14.1546,
9.5542

■ 18.0347, 16.4873,
12.9633

■ 19.9286, 19.1604,
17.0315

■ 22.0966, 22.1868,
21.7912

■ 24.5490, 25.5788,
27.2727

Harmonies

Analogous

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



13.9080, 7.0709, 4.4425



11.7324, 7.0709, 1.0336



8.4462, 7.0709, 0.0000

Triad

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



11.7324, 7.0709, 1.0336



2.6029, 7.0709, 3.9733



8.1638, 7.0709, 36.8879

Complementary

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



11.7324, 7.0709, 1.0336



10.8371, 13.7960, 27.2908

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.



5.2478, 7.0709, 36.3557



11.7324, 7.0709, 1.0336



2.5681, 7.0709, 12.2512

Square

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



11.7324, 7.0709, 1.0336



3.5035, 7.0709, 0.9033



3.3885, 7.0709, 25.3633



11.4740, 7.0709, 26.5188

Rectangle

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



11.7324, 7.0709, 1.0336



6.3578, 7.0709, 0.0000



3.3885, 7.0709, 25.3633



7.0972, 7.0709, 38.1266

Sweetspot

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



11.7326, 7.0713, 1.0337



33.6994, 31.5121, 26.2050



14.1759, 7.1130, 16.7850



7.2476, 6.6430, 5.2571



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.7326, 7.0713, 1.0337



20.4053, 11.6088, 1.1652



15.7611, 15.1284, 2.3766



5.4966, 5.5994, 5.6805



10.4526, 6.0369, 0.6143



0.1135, 0.0849, 0.0104

Inverse Universe

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



10.8371, 13.7960, 27.2908



18.6356, 23.4955, 48.6808



6.0438, 4.2094, 25.6930



5.4638, 5.9233, 6.8841



9.5641, 12.1142, 24.8113



0.1072, 0.1473, 0.2425

Previews

White Background



This preview shows how the XYZ color 11.7324, 7.0709, 1.0336 looks on a white background.

Color Contrast Check

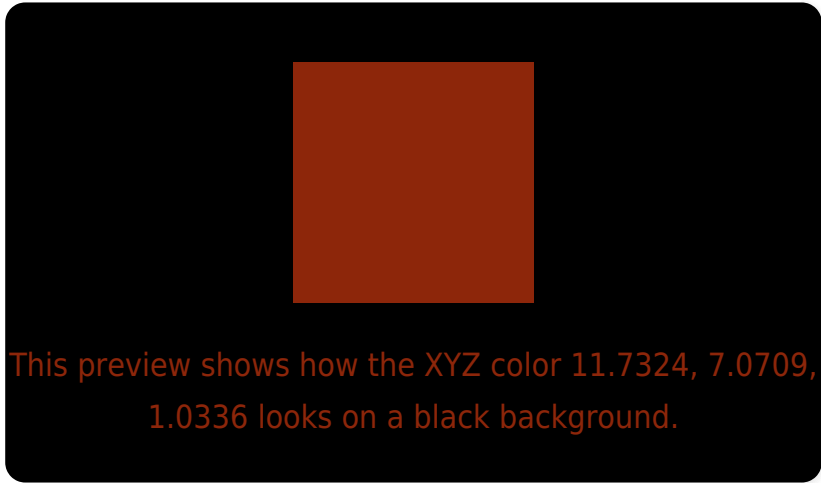
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.7324, 7.0709, 1.0336

Background



This preview shows how black text looks on a background with the XYZ color 11.7324, 7.0709, 1.0336.



This preview shows how white text looks on a background with the XYZ color 11.7324, 7.0709,

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

11.7324, 7.0709, 1.0336

Protanopia

6.6179, 7.3367, 1.7291

Deuteranopia

7.3123, 7.3065, 1.0249



Tritanopia

11.9493, 7.0580, 2.4828

Trichromacy



Original Color

11.7324, 7.0709, 1.0336

Protanomaly

7.8149, 6.6566, 1.3632

Deuteranomaly

8.4478, 6.7512, 0.9727

Tritanomaly

11.8439, 7.0650, 1.7763

Monochromacy



Original Color

11.7324, 7.0709, 1.0336

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

6.4215, 5.3528, 3.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7324, 7.0709, 1.0336 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(141, 38, 10)` looks like.

```
.text, #text, p{  
    color:rgb(141, 38, 10)  
}
```

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(141, 38, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 38, 10) }
```

Border

The CSS property to change the border of an element to XYZ 11.7324, 7.0709, 1.0336 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(141, 38, 10) }
```


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

```
.border{ border-color:rgb(141, 38, 10) }
```

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

Here you see how a box with a 4 pixel rgb(141, 38, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 38, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 38, 10);  
box-shadow:4px 4px 4px 4px rgb(141, 38,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7324, 7.0709, 1.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 38, 10) }
```

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

```
.background{ background-color: rgb(141, 38,  
10) }
```

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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