

Converting Colors

XYZ(13.2943, 5.5396, 0.5286)

Have a look what the booklet for
XYZ(13.2943, 5.5396, 0.5286)
contains.

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Color

**XYZ(14.1334, 7.2822,
0.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	9E0006
RGB	158, 0, 6
RGB Percent	62%, 0%, 2%
CMY	0.3804, 0.9999, 0.9765
CMYK	0.00, 1.00, 0.96, 0.38
HSL	358°, 100%, 31%
HSV	358°, 100%, 62%
XYZ	14.1334, 7.2822, 0.8330
YIQ	47.9260, 92.2420, 35.3620

Conversions

Conversions Part 2

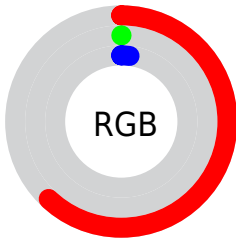
Format	Color
RYB	158, 0, 6
Decimal	10354694
CIELab	32.44, 56.10, 44.02
CIELCh	32, 71.306, 38.120
Yxy	7.2822, 0.6352, 0.3273
Android (android.graphics.Color)	4288544774 (0xFF9E0006)
YUV	47.9260, -20.6695, 96.5349
Hunter-Lab	26.9856, 46.2628, 17.0597

Details

The XYZ color **14.1334, 7.2822, 0.8330** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **17.8962, 26.7213, 33.9291**, and the grayscale version is **2.8173, 2.9640, 3.2278**.

A 20% lighter version of the original color is **32.8874, 20.5176, 5.4758**, and **4.8239, 2.4868, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **14.1332, 7.2821, 0.8324**, and if you desaturate by 10%, it is **14.4203, 7.6893, 1.4435**.

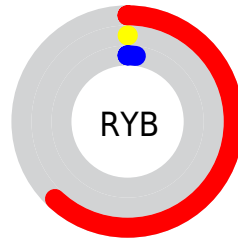
Distribution



Red (62%)

Green (0%)

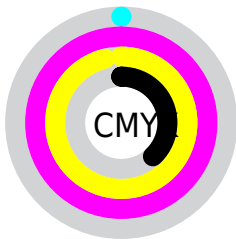
Blue (2%)



Red (62%)

Yellow (0%)

Blue (2%)

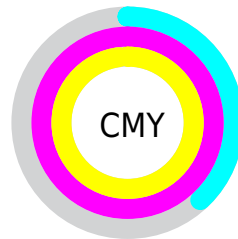


Cyan (0%)

Magenta (100%)

Yellow (96%)

Black (38%)



Cyan (38%)


Magenta (100%)

Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1334, 7.2822, 0.8330 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 14.1334, 7.2822, 0.8330 by changing the saturation by 10% instead.


 14.1334, 7.2822,
0.8330


 14.1334, 7.2822,
0.8330


 211.5532,
169.9884, 100.4130


 8.2958, 3.6392,
0.0000


 32.9098, 20.5387,
5.5116


 4.3382, 1.4739,
0.0000

 46.5794, 30.9210,
10.3327


 1.8952, 0.2702,
0.0000

 63.5903, 44.3185,
17.3683

 0.5740, 0.0000,
0.0000


 84.3080, 61.1157,
27.0369


 0.0000, 0.0000,
0.0000


 109.0978, 81.6969,
39.7572


 138.3250,


106.4464, 55.9476


 172.3550,
135.7488, 76.0267


 14.1334, 7.2822,
0.8330


 14.1334, 7.2822,
0.8330


 14.1332, 7.2821,
0.8324

 14.4203, 7.6893,
1.4435

 14.9315, 8.4117,
2.5383

 15.7449, 9.5804,
4.2219

 16.8976, 11.2516,
6.5613

 18.4214, 13.4735,
9.6145

■ 20.3442, 16.2884,
13.4331

■ 22.6915, 19.7346,
18.0638

■ 25.4864, 23.8472,
23.5497

■ 28.7506, 28.6587,
29.9310

Harmonies

Analogous

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



16.5825, 7.2822, 5.3925



14.1334, 7.2822, 0.8330



9.9147, 7.2822, 0.0000

Triad

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



14.1334, 7.2822, 0.8330



2.2062, 7.2822, 2.5134



7.9722, 7.2822, 49.8148

Complementary

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



14.1334, 7.2822, 0.8330



17.8962, 26.7213, 33.9291

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.



4.6009, 7.2822, 45.6490



14.1334, 7.2822, 0.8330



2.0073, 7.2822, 11.1575

Square

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



14.1334, 7.2822, 0.8330



3.4020, 7.2822, 0.0000



2.7073, 7.2822, 28.2342



12.2867, 7.2822, 37.0406

Rectangle

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



14.1334, 7.2822, 0.8330



7.1567, 7.2822, 0.0000



2.7073, 7.2822, 28.2342



6.6915, 7.2822, 50.4737

Sweetspot

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



14.1336, 7.2827, 0.8331



40.9296, 35.4293, 32.2563



18.7679, 8.9627, 33.0883



8.8286, 7.4014, 6.4861



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.1336, 7.2827, 0.8331



25.6494, 13.2178, 1.4239



16.3609, 11.7898, 1.4140



6.6427, 6.6500, 6.9697



11.3227, 5.8336, 0.6844



0.2051, 0.1054, 0.0262

Inverse Universe

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



14.1336, 7.2827, 0.8331



25.6494, 13.2178, 1.4239



9.5727, 9.2705, 33.6323



6.6427, 6.6500, 6.9697



11.3227, 5.8336, 0.6844



0.2051, 0.1054, 0.0262

Previews

White Background



This preview shows how the XYZ color 14.1334, 7.2822, 0.8330 looks on a white background.

Color Contrast Check

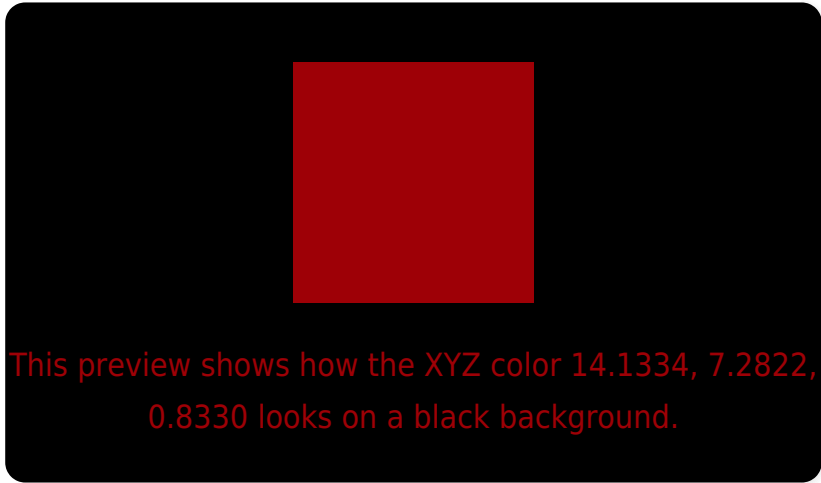
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1334, 7.2822, 0.8330

Background



This preview shows how black text looks on a background with the XYZ color 14.1334, 7.2822, 0.8330.



This preview shows how white text looks on a background with the XYZ color 14.1334, 7.2822,

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

14.1334, 7.2822, 0.8330

Protanopia

7.1333, 7.9191, 1.9116

Deuteranopia

7.8400, 7.8782, 1.1074



Tritanopia

14.0755, 7.5097, 0.7077

Trichromacy



Original Color

14.1334, 7.2822, 0.8330

Protanomaly

8.2168, 5.9825, 1.2119

Deuteranomaly

8.9531, 6.1832, 0.7790

Tritanomaly

14.0241, 7.3896, 0.7446

Monochromacy



Original Color

14.1334, 7.2822, 0.8330

Achromatopsia

2.8094, 2.9557, 3.2187

Achromatomaly

4.7890, 3.1645, 1.7972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1334, 7.2822, 0.8330 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(158, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(158, 0, 6)  
}
```

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(158, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 0, 6) }
```

Border

The CSS property to change the border of an element to XYZ 14.1334, 7.2822, 0.8330 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(158, 0, 6) }
```


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

```
.border{ border-color:rgb(158, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(158, 0, 6); box-shadow:4px  
4px 4px 4px rgb(158, 0, 6) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1334, 7.2822, 0.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 0, 6) }
```

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

```
.background{ background-color: rgb(158, 0,  
6) }
```

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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