

Converting Colors

XYZ(13.5319, 5.2218, 8.7730)

Have a look what the booklet for
XYZ(13.5319, 5.2218, 8.7730)
contains.

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Color

**XYZ(14.5491, 7.3155,
9.0327)**

Conversions

Conversions Part 1

Format	Color
Hex	980054
RGB	152, 0, 84
RGB Percent	60%, 0%, 33%
CMY	0.4039, 0.9999, 0.6706
CMYK	0.00, 1.00, 0.45, 0.40
HSL	327°, 100%, 30%
HSV	327°, 100%, 60%
XYZ	14.5491, 7.3155, 9.0327
YIQ	55.0240, 63.6280, 58.3480

Conversions

Conversions Part 2

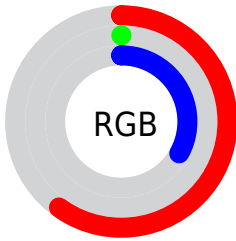
Format	Color
R_{YB}	152, 0, 84
Decimal	9961556
CIE Lab	32.51, 58.35, -3.58
CIE LCh	33, 58.461, 356.488
Yxy	7.3155, 0.4709, 0.2368
Android (android.graphics.Color)	4288151636 (0xFF980054)
YUV	55.0240, 14.2852, 85.0480
Hunter-Lab	27.0472, 48.6854, -0.8675

Details

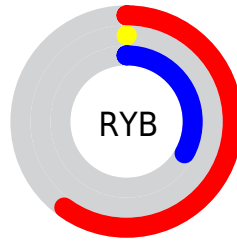
The XYZ color **14.5491, 7.3155, 9.0327** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.2725, 22.8741, 9.2405**, and the grayscale version is **3.6127, 3.8009, 4.1392**.

A 20% lighter version of the original color is **33.6137, 20.5745, 24.3899**, and **5.0855, 2.5794, 2.1493** is the 20% darker color. If you saturate the color by 10%, you get **14.5487, 7.3153, 9.0308**, and if you desaturate by 10%, it is **15.0026, 7.7752, 10.5626**.

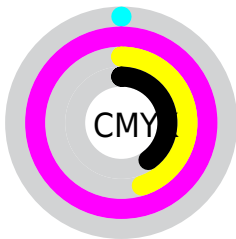
Distribution



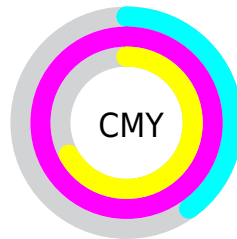
- Red (60%)
- Green (0%)
- Blue (33%)



- Red (60%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (45%)
- Black (40%)




- Cyan (40%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5491, 7.3155, 9.0327 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 14.5491, 7.3155, 9.0327 by changing the saturation by 10% instead.


 14.5491, 7.3155,
9.0327

 14.5491, 7.3155,
9.0327


214.0635,
170.2601, 193.8487


 8.5878, 3.6602,
4.6654


 33.6384, 20.6052,
24.5382


 4.5283, 1.4854,
1.9970

 47.4971, 31.0083,
36.5135


 2.0051, 0.2784,
0.5535

 64.7190, 44.4295,
51.8618

 0.6368, 0.0000,
0.0000


 85.6694, 61.2531,
71.0018


 0.0000, 0.0000,
0.0000


 110.7137, 81.8636,
94.3519

 140.2172,

106.6453, 122.3308

 174.5454,
135.9827, 155.3568


 14.5491, 7.3155,
9.0327


 14.5491, 7.3155,
9.0327


 14.5487, 7.3153,
9.0308

 15.0026, 7.7752,
10.5626

 15.6097, 8.4997,
12.2749

 16.4303, 9.6076,
14.1927

 17.4885, 11.1460,
16.3275

 18.8050, 13.1553,
18.6891

■ 20.3981, 15.6711,
21.2867

■ 22.2844, 18.7256,
24.1288

■ 24.4789, 22.3484,
27.2232

■ 26.9960, 26.5666,
30.5774

Harmonies

Analogous

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



13.0368, 7.3155, 21.2020



14.5491, 7.3155, 9.0327



13.5875, 7.3155, 2.5971

Triad

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



14.5491, 7.3155, 9.0327



4.6630, 7.3155, 0.2611



4.2049, 7.3155, 31.5814

Complementary

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



14.5491, 7.3155, 9.0327



12.2725, 22.8741, 9.2405

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.



2.9308, 7.3155, 17.9778



14.5491, 7.3155, 9.0327



3.1362, 7.3155, 1.8449

Square

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



14.5491, 7.3155, 9.0327



7.3165, 7.3155, 0.0000



2.6056, 7.3155, 6.9856



6.6021, 7.3155, 38.9684

Rectangle

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



14.5491, 7.3155, 9.0327



11.7906, 7.3155, 0.9551



2.6056, 7.3155, 6.9856



3.6613, 7.3155, 27.2545

Sweetspot

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



14.5493, 7.3159, 9.0328



39.1203, 32.7029, 42.2778



7.9063, 3.4215, 29.9493



8.5865, 6.9365, 9.1575



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.



14.5493, 7.3159, 9.0328



25.5894, 12.8761, 15.4631



13.0047, 6.6981, 0.8990



6.3444, 6.2769, 7.1939



12.2146, 6.1401, 7.6551



0.2009, 0.0991, 0.2109

Inverse Universe

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



14.5493, 7.3159, 9.0328



25.5894, 12.8761, 15.4631



16.1010, 24.4055, 29.4013



6.3444, 6.2769, 7.1939



12.2146, 6.1401, 7.6551



0.2009, 0.0991, 0.2109

Previews

White Background



This preview shows how the XYZ color 14.5491, 7.3155, 9.0327 looks on a white background.

Color Contrast Check

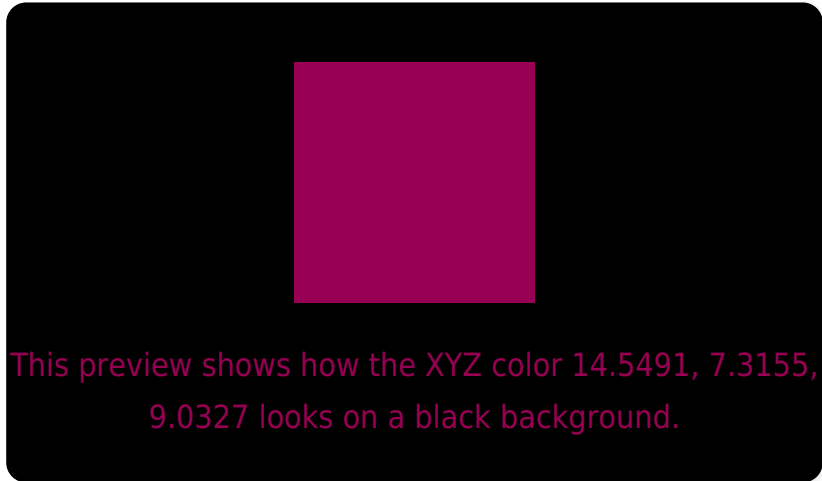
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5491, 7.3155, 9.0327

Background



This preview shows how black text looks on a background with the XYZ color 14.5491, 7.3155, 9.0327.



This preview shows how white text looks on a background with the XYZ color 14.5491, 7.3155, 9.0327.

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

14.5491, 7.3155, 9.0327

Protanopia

8.3556, 7.9531, 19.1839

Deuteranopia

8.0535, 7.9325, 8.3144



Tritanopia

13.2270, 7.5928, 2.2818

Trichromacy



Original Color

14.5491, 7.3155, 9.0327

Protanomaly

8.7771, 5.9053, 14.8646

Deuteranomaly

9.1018, 6.1553, 8.2978

Tritanomaly

13.4657, 7.2683, 3.9420

Monochromacy



Original Color

14.5491, 7.3155, 9.0327

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8008, 3.7691, 5.5760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5491, 7.3155, 9.0327 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(152, 0, 84)` looks like.

```
.text, #text, p{  
  color:rgb(152, 0, 84)  
}
```

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(152, 0, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.5491, 7.3155, 9.0327 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(152, 0, 84) }
```


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

```
.border{ border-color:rgb(152, 0, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 84);  
box-shadow:4px 4px 4px 4px rgb(152, 0, 84)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.5491, 7.3155, 9.0327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 84) }
```

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

```
.background{ background-color: rgb(152, 0,  
84) }
```

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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