

Converting Colors

XYZ(13.9403, 7.0940, 4.8411)

Have a look what the booklet for
XYZ(13.9403, 7.0940, 4.8411)
contains.

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Color

**XYZ(13.9525, 7.0985,
4.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	99003C
RGB	153, 0, 60
RGB Percent	60%, 0%, 24%
CMY	0.4000, 0.9999, 0.7647
CMYK	0.00, 1.00, 0.61, 0.40
HSL	336°, 100%, 30%
HSV	336°, 100%, 60%
XYZ	13.9525, 7.0985, 4.9097
YIQ	52.5870, 71.9280, 51.0960

Conversions

Conversions Part 2

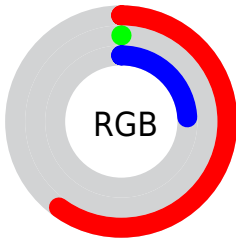
Format	Color
R_{YB}	153, 0, 60
Decimal	10027068
CIE _{Lab}	32.03, 56.73, 11.62
CIE _{LCh}	32, 57.912, 11.579
Yxy	7.0985, 0.5374, 0.2734
Android (android.graphics.Color)	4288217148 (0xFF99003C)
YUV	52.5870, 3.6546, 88.0622
Hunter-Lab	26.6430, 46.8522, 7.7243

Details

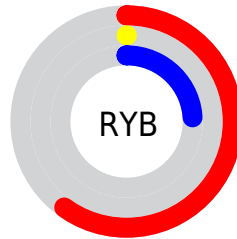
The XYZ color **13.9525, 7.0985, 4.9097** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **13.3680, 23.5732, 14.2056**, and the grayscale version is **3.3249, 3.4981, 3.8094**.

A 20% lighter version of the original color is **32.5432, 20.1052, 16.0754**, and **4.7253, 2.4234, 0.7910** is the 20% darker color. If you saturate the color by 10%, you get **13.9522, 7.0984, 4.9082**, and if you desaturate by 10%, it is **14.3958, 7.5564, 6.3791**.

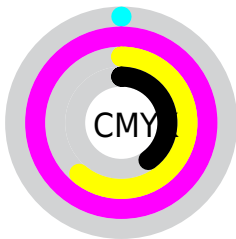
Distribution



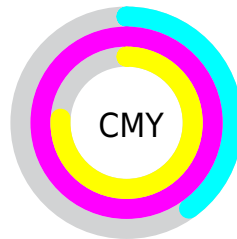
- Red (60%)
- Green (0%)
- Blue (24%)



- Red (60%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9525, 7.0985, 4.9097 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 13.9525, 7.0985, 4.9097 by changing the saturation by 10% instead.


 13.9525, 7.0985,
4.9097


 13.9525, 7.0985,
4.9097


210.4517,
168.4797, 157.8557


 8.1691, 3.5238,
2.1366


 32.5917, 20.1711,
16.0587


 4.2561, 1.4109,
0.6374

 46.1782, 30.4378,
25.2717


 1.8480, 0.2247,
0.0000

 63.0965, 43.7038,
37.4683

 0.5463, 0.0000,
0.0000

 83.7119, 60.3538,
53.0672

 0.0000, 0.0000,
0.0000

 108.3897, 80.7719,
72.4868

 137.4954,

105.3427, 96.1458

171.3943,
134.4505, 124.4626

13.9525, 7.0985,
4.9097

13.9525, 7.0985,
4.9097

13.9522, 7.0984,
4.9082

14.3958, 7.5564,
6.3791

15.0138, 8.2912,
8.1305

15.8681, 9.4229,
10.1940

16.9845, 11.0000,
12.5873

18.3850, 13.0640,
15.3265

■ 20.0894, 15.6515,
18.4263

■ 22.1154, 18.7957,
21.9004

■ 24.4795, 22.5269,
25.7619

■ 27.1968, 26.8732,
30.0230

Harmonies

Analogous

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



13.6706, 7.0985, 14.0686



13.9525, 7.0985, 4.9097



11.9303, 7.0985, 1.1894

Triad

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



13.9525, 7.0985, 4.9097



3.6437, 7.0985, 0.8323



5.1113, 7.0985, 35.5789

Complementary

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



13.9525, 7.0985, 4.9097



13.3680, 23.5732, 14.2056

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.



3.3360, 7.0985, 24.2578



13.9525, 7.0985, 4.9097



2.6746, 7.0985, 3.6540

Square

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



13.9525, 7.0985, 4.9097



5.6730, 7.0985, 0.0000



2.5813, 7.0985, 11.4622



7.9484, 7.0985, 36.9828

Rectangle

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



13.9525, 7.0985, 4.9097



9.8163, 7.0985, 0.3001



2.5813, 7.0985, 11.4622



4.3950, 7.0985, 32.5596

Sweetspot

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



13.9527, 7.0989, 4.9098



39.3700, 33.2913, 38.8256



10.1444, 4.5657, 30.4836



8.3724, 6.8508, 8.0298



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.



13.9527, 7.0989, 4.9098



24.9013, 12.6783, 8.3398



13.3123, 7.1230, 0.6738



6.3041, 6.2608, 6.9814



11.5467, 5.8729, 4.1382



0.1897, 0.0946, 0.1518

Inverse Universe

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



13.9527, 7.0989, 4.9098



24.9013, 12.6783, 8.3398



14.7957, 20.3915, 33.2931



6.3041, 6.2608, 6.9814



11.5467, 5.8729, 4.1382



0.1897, 0.0946, 0.1518

Previews

White Background



This preview shows how the XYZ color 13.9525, 7.0985, 4.9097 looks on a white background.

Color Contrast Check

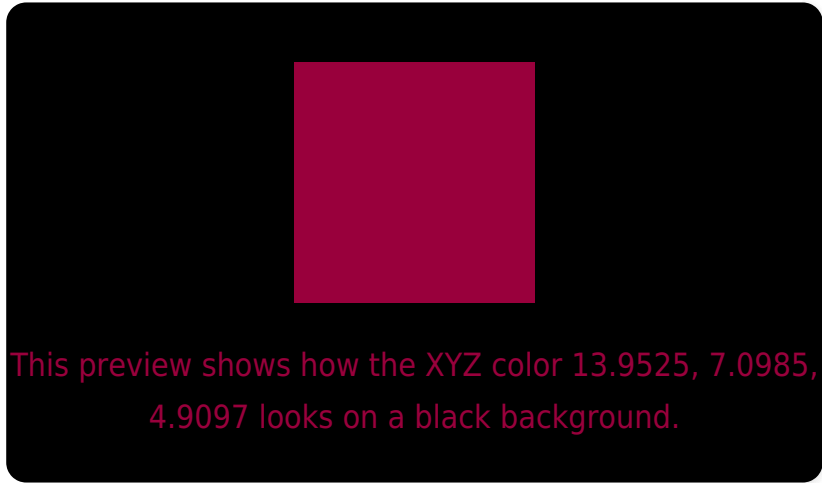
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9525, 7.0985, 4.9097

Background



This preview shows how black text looks on a background with the XYZ color 13.9525, 7.0985, 4.9097.



This preview shows how white text looks on a background with the XYZ color 13.9525, 7.0985,

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

13.9525, 7.0985, 4.9097

Protanopia

7.5464, 7.7311, 10.3270

Deuteranopia

7.7748, 7.6689, 4.4386



Tritanopia

13.4302, 7.3905, 1.5293

Trichromacy



Original Color

13.9525, 7.0985, 4.9097

Protanomaly

8.3414, 5.8345, 7.8943

Deuteranomaly

8.8410, 6.0443, 4.4421

Tritanomaly

13.4382, 7.1444, 2.3398

Monochromacy



Original Color

13.9525, 7.0985, 4.9097

Achromatopsia

3.3839, 3.5601, 3.8770

Achromatomaly

5.4057, 3.5534, 4.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9525, 7.0985, 4.9097 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, 0, 60)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 60)  
}
```

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, 0, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 60) }
```

Border

The CSS property to change the border of an element to XYZ 13.9525, 7.0985, 4.9097 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, 0, 60) }
```


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

```
.border{ border-color:rgb(153, 0, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 0, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 60);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.9525, 7.0985, 4.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 60) }
```

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

```
.background{ background-color: rgb(153, 0,  
60) }
```

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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