

Converting Colors

XYZ(14.6370, 7.3723, 8.5142)

Have a look what the booklet for
XYZ(14.6370, 7.3723, 8.5142)
contains.

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Color

**XYZ(14.6221, 7.3664,
8.4358)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 990051 |
| RGB | 153, 0, 81 |
| RGB Percent | 60%, 0%, 32% |
| CMY | 0.4000, 0.9999, 0.6824 |
| CMYK | 0.00, 1.00, 0.47, 0.40 |
| HSL | 328°, 100%, 30% |
| HSV | 328°, 100%, 60% |
| XYZ | 14.6221, 7.3664, 8.4358 |
| YIQ | 54.9810, 65.1870, 57.6270 |

Conversions

Conversions Part 2

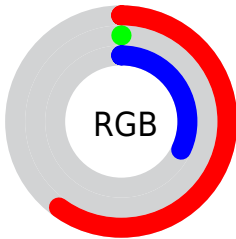
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 153, 0, 81 |
| Decimal | 10027089 |
| CIELab | 32.63, 58.31, -1.42 |
| CIElCh | 33, 58.332, 358.603 |
| Yxy | 7.3664, 0.4806, 0.2421 |
| Android (android.graphics.Color) | 4288217169 (0xFF990051) |
| YUV | 54.9810, 12.8274, 85.9627 |
| Hunter-Lab | 27.1411, 48.6688, 0.5707 |

Details

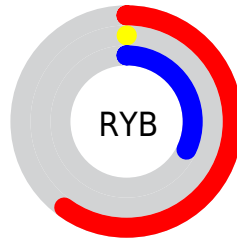
The XYZ color **14.6221, 7.3664, 8.4358** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **12.5618, 23.2507, 9.9601**, and the grayscale version is **3.6089, 3.7969, 4.1348**.

A 20% lighter version of the original color is **33.6967, 20.6409, 23.3272**, and **5.1578, 2.6204, 1.9842** is the 20% darker color. If you saturate the color by 10%, you get **14.6217, 7.3662, 8.4339**, and if you desaturate by 10%, it is **15.0821, 7.8310, 9.9929**.

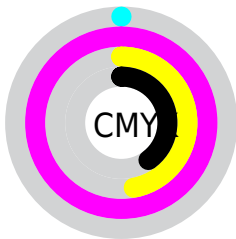
Distribution



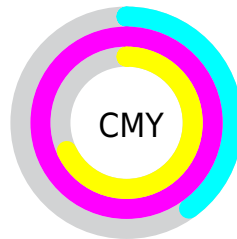
- Red (60%)
- Green (0%)
- Blue (32%)



- Red (60%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (47%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6221, 7.3664, 8.4358 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 14.6221, 7.3664, 8.4358 by changing the saturation by 10% instead.


 14.6221, 7.3664,
8.4358


 14.6221, 7.3664,
8.4358


214.5014,
170.6744, 189.1718


 8.6392, 3.6923,
4.2833


 33.7660, 20.7066,
23.3686


 4.5618, 1.5030,
1.7820

 47.6577, 31.1415,
34.9859


 2.0246, 0.2908,
0.4161

 64.9163, 44.5987,
49.9287

 0.6477, 0.0000,
0.0000


 85.9073, 61.4627,
68.6153

 0.0000, 0.0000,
0.0000

 110.9959, 82.1179,
91.4644

 140.5476,


106.9487, 118.8945

 174.9276,
136.3394, 151.3241

 14.6221, 7.3664,
8.4358


 14.6221, 7.3664,
8.4358


 14.6217, 7.3662,
8.4339

 15.0821, 7.8310,
9.9929

 15.7009, 8.5661,
11.7485

 16.5391, 9.6914,
13.7267

 17.6212, 11.2549,
15.9397

 18.9685, 13.2977,
18.3981

■ 20.5996, 15.8560,
21.1119

■ 22.5315, 18.9626,
24.0902

■ 24.7797, 22.6475,
27.3415

■ 27.3587, 26.9386,
30.8739

Harmonies

Analogous

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



13.2704, 7.3664, 20.2856



14.6221, 7.3664, 8.4358



13.4899, 7.3664, 2.3792

Triad

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



14.6221, 7.3664, 8.4358



4.5593, 7.3664, 0.3524



4.3764, 7.3664, 32.4776

Complementary

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



14.6221, 7.3664, 8.4358



12.5618, 23.2507, 9.9601

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.



3.0212, 7.3664, 19.0016



14.6221, 7.3664, 8.4358



3.1033, 7.3664, 2.0784

Square

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



14.6221, 7.3664, 8.4358



7.1450, 7.3664, 0.0000



2.6328, 7.3664, 7.6196



6.8600, 7.3664, 39.0972

Rectangle

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



14.6221, 7.3664, 8.4358



11.6221, 7.3664, 0.8736



2.6328, 7.3664, 7.6196



3.8038, 7.3664, 28.2742

Sweetspot

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



14.6223, 7.3668, 8.4359



40.1258, 33.5936, 42.8057



8.3788, 3.6555, 30.4010



8.5544, 6.9237, 8.9884



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.



14.6223, 7.3668, 8.4359



26.0913, 13.1543, 14.6062



13.1651, 6.7840, 0.7626



6.3385, 6.2746, 7.1629



12.1016, 6.0949, 7.0599



0.1993, 0.0985, 0.2023

Inverse Universe

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



14.6223, 7.3668, 8.4359



26.0913, 13.1543, 14.6062



16.7289, 24.9176, 31.9036



6.3385, 6.2746, 7.1629



12.1016, 6.0949, 7.0599



0.1993, 0.0985, 0.2023

Previews

White Background



This preview shows how the XYZ color 14.6221, 7.3664, 8.4358 looks on a white background.

Color Contrast Check

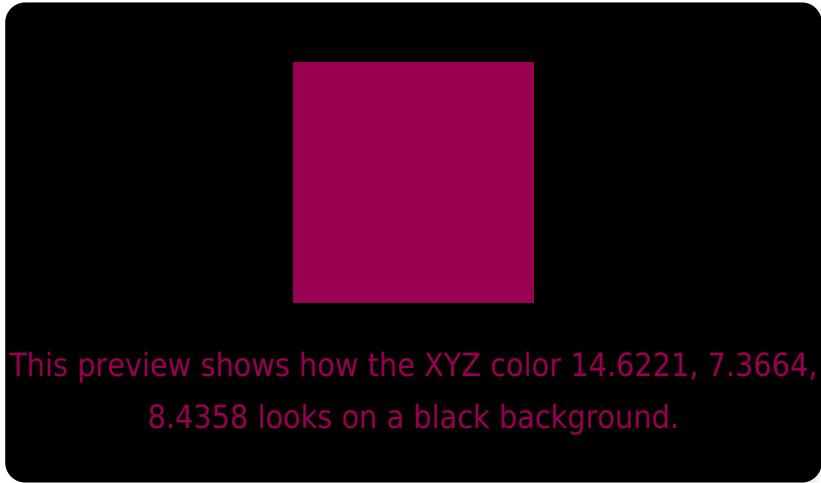
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6221, 7.3664, 8.4358

Background



This preview shows how black text looks on a background with the XYZ color 14.6221, 7.3664, 8.4358.



This preview shows how white text looks on a background with the XYZ color 14.6221, 7.3664,

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

14.6221, 7.3664, 8.4358

Protanopia

8.3216, 8.0696, 17.9486

Deuteranopia

8.1403, 7.9894, 7.7697



Tritanopia

13.5397, 7.7166, 2.1423

Trichromacy



Original Color

14.6221, 7.3664, 8.4358

Protanomaly

8.6763, 5.8774, 13.7739

Deuteranomaly

9.2479, 6.2432, 7.7388

Tritanomaly

13.7748, 7.4060, 3.7211

Monochromacy



Original Color

14.6221, 7.3664, 8.4358

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

5.8408, 3.7964, 5.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6221, 7.3664, 8.4358 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.6221, 7.3664, 8.4358 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, 81) }
```


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

```
.border{ border-color:rgb(153, 0, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 81);  
box-shadow:4px 4px 4px 4px rgb(153, 0, 81)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.6221, 7.3664, 8.4358 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, 81) }
```

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

```
.background{ background-color: rgb(153, 0,  
81) }
```

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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