

Converting Colors

XYZ(14.5951, 6.9751, 25.4848)

Have a look what the booklet for
XYZ(14.5951, 6.9751, 25.4848)
contains.

XYZ(14.5651, 6.9618, 25.3870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.5651, 6.9618,
25.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	86008C
RGB	134, 0, 140
RGB Percent	53%, 0%, 55%
CMY	0.4745, 1.0000, 0.4510
CMYK	0.04, 1.00, 0.00, 0.45
HSL	297°, 100%, 27%
HSV	297°, 100%, 55%
XYZ	14.5651, 6.9618, 25.3870
YIQ	56.0260, 34.9240, 71.9480

Conversions

Conversions Part 2

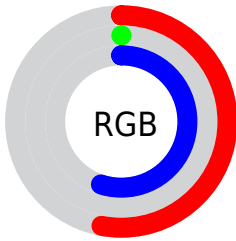
Format	Color
R_{YB}	134, 0, 140
Decimal	8781964
CIE _{Lab}	31.72, 61.88, -40.82
CIE _{LCh}	32, 74.128, 326.586
Yxy	6.9618, 0.3105, 0.1484
Android (android.graphics.Color)	4286972044 (0xFF86008C)
YUV	56.0260, 41.3992, 68.3832
Hunter-Lab	26.3852, 52.3610, -38.5772

Details

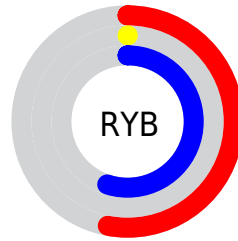
The XYZ color **14.5651, 6.9618, 25.3870** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **9.4534, 18.7950, 3.1299**, and the grayscale version is **3.7085, 3.9016, 4.2489**.

A 20% lighter version of the original color is **33.6722, 19.8690, 53.0993**, and **5.0276, 2.3835, 9.6463** is the 20% darker color. If you saturate the color by 10%, you get **14.5652, 6.9618, 25.3871**, and if you desaturate by 10%, it is **14.8184, 7.3257, 25.4440**.

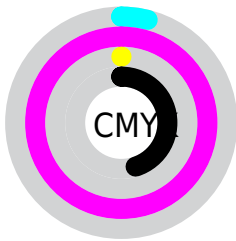
Distribution



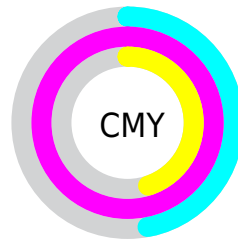
- Red (53%)
- Green (0%)
- Blue (55%)



- Red (53%)
- Yellow (0%)
- Blue (55%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (47%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5651, 6.9618, 25.3870 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 14.5651, 6.9618, 25.3870 by changing the saturation by 10% instead.

14.5651, 6.9618,
25.3870

14.5651, 6.9618,
25.3870

214.1596,
167.3459, 293.2689

8.5991, 3.4382,
16.1440

33.6664, 19.8963,
53.2562

4.5356, 1.3646,
9.4706

47.5323, 30.0761,
72.7195

2.0094, 0.1904,
4.9484

64.7622, 43.2433,
96.4267

0.6392, 0.0000,
2.1588

85.7216, 59.7824,
124.7962


0.0000, 0.0000,
0.6505


110.7756, 80.0779,
158.2466


0.0000, 0.0000,
0.0000

140.2897,

104.5140, 197.1966


 174.6292,
133.4752, 242.0645

 14.5651, 6.9618,
25.3870

 14.5651, 6.9618,
25.3870


 14.5652, 6.9618,
25.3871

 14.8184, 7.3257,
25.4440

 15.1732, 7.8921,
25.5346

 15.6830, 8.7678,
25.6768

 16.3670, 9.9909,
25.8768

 17.2412, 11.5938,
26.1401

■ 18.3202, 13.6053,
26.4715

■ 19.6170, 16.0516,
26.8753

■ 21.1434, 18.9564,
27.3556

■ 22.9106, 22.3419,
27.9159

Harmonies

Analogous

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



10.3629, 6.9618, 44.6299



14.5651, 6.9618, 25.3870



16.6356, 6.9618, 8.8670

Triad

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



14.5651, 6.9618, 25.3870



7.0522, 6.9618, 0.0000



2.0597, 6.9618, 20.9440

Complementary

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



14.5651, 6.9618, 25.3870



9.4534, 18.7950, 3.1299

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.



1.7366, 6.9618, 6.4244



14.5651, 6.9618, 25.3870



3.9039, 6.9618, 0.0000

Square

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



14.5651, 6.9618, 25.3870



11.3902, 6.9618, 0.0000



2.2616, 6.9618, 0.9696



3.4075, 6.9618, 40.7685

Rectangle

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



14.5651, 6.9618, 25.3870



16.1142, 6.9618, 3.1069



2.2616, 6.9618, 0.9696



1.8561, 6.9618, 15.0619

Sweetspot

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



14.5654, 6.9621, 25.3871



34.4271, 27.9993, 47.3329



4.8099, 2.0458, 24.9524



7.7281, 6.0647, 10.8427



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.



14.5654, 6.9621, 25.3871



25.6436, 12.2557, 44.7570



12.1551, 6.1116, 7.5613



5.2130, 5.1182, 6.3190



12.9461, 6.1881, 22.5578



0.0890, 0.0427, 0.1500

Inverse Universe

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



10.8483, 5.5889, 0.6796



19.1103, 9.8468, 1.1162



10.2757, 19.1153, 7.8517



5.0410, 5.0518, 5.3043



9.6410, 4.9665, 0.6137



0.0650, 0.0334, 0.0093

Previews

White Background



This preview shows how the XYZ color 14.5651, 6.9618, 25.3870 looks on a white background.

Color Contrast Check

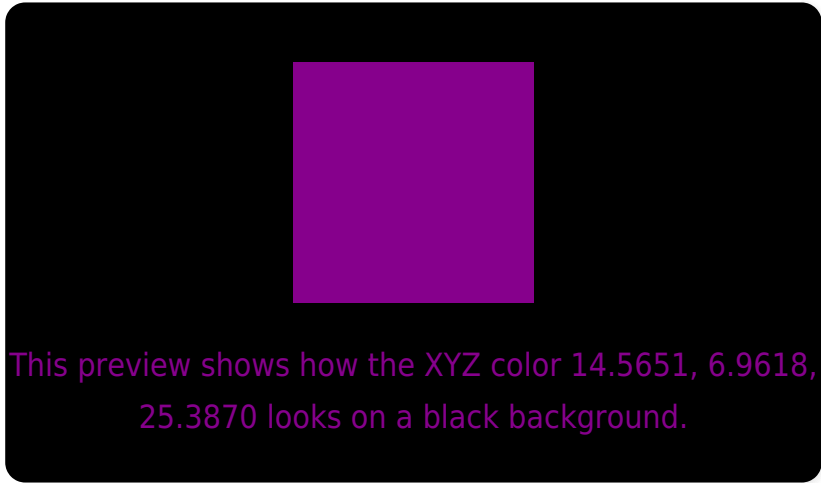
Large Text (above 18pt) WCAG AA ✓ Pass

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

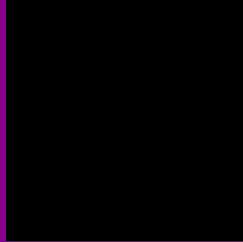
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5651, 6.9618, 25.3870

Background



This preview shows how black text looks on a background with the XYZ color 14.5651, 6.9618, 25.3870.



This preview shows how white text looks on a background with the XYZ color 14.5651, 6.9618,

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

14.5651, 6.9618, 25.3870

Protanopia

8.7741, 7.5354, 33.7929

Deuteranopia

7.7259, 7.5461, 22.8791



Tritanopia

10.6131, 7.4081, 5.0082

Trichromacy



Original Color

14.5651, 6.9618, 25.3870

Protanomaly

7.9911, 5.0339, 30.2562

Deuteranomaly

8.3378, 5.4863, 23.5412

Tritanomaly

11.2646, 6.4958, 9.8926

Monochromacy



Original Color

14.5651, 6.9618, 25.3870

Achromatopsia

3.7589, 3.9546, 4.3066

Achromatomaly

6.0073, 3.8347, 9.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5651, 6.9618, 25.3870 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(134, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 140)  
}
```

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(134, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.5651, 6.9618, 25.3870 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(134, 0, 140) }
```


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

```
.border{ border-color:rgb(134, 0, 140) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5651, 6.9618, 25.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 140) }
```

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

```
.background{ background-color: rgb(134, 0,  
140) }
```

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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