

Converting Colors

XYZ(14.2499, 7.2435, 18.3216)

Have a look what the booklet for
XYZ(14.2499, 7.2435, 18.3216)
contains.

XYZ(14.2381, 7.2459, 18.4175)	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(14.2381, 7.2459,
18.4175)**

Conversions

Conversions Part 1

Format	Color
Hex	8B1178
RGB	139, 17, 120
RGB Percent	55%, 7%, 47%
CMY	0.4549, 0.9333, 0.5294
CMYK	0.00, 0.88, 0.14, 0.45
HSL	309°, 78%, 31%
HSV	309°, 88%, 55%
XYZ	14.2381, 7.2459, 18.4175
YIQ	65.2200, 39.6490, 57.8970

Conversions

Conversions Part 2

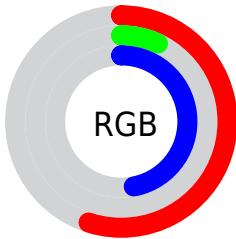
Format	Color
R_{YB}	139, 17, 120
Decimal	9113976
CIE _{Lab}	32.36, 57.10, -27.23
CIE _{LCh}	32, 63.257, 334.505
Yxy	7.2459, 0.3568, 0.1816
Android (android.graphics.Color)	4287304056 (0xFF8B1178)
YUV	65.2200, 27.0065, 64.7051
Hunter-Lab	26.9182, 47.3088, -21.7236

Details

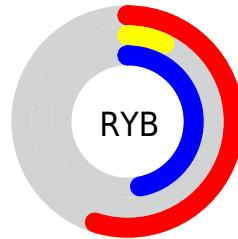
The XYZ color **14.2381, 7.2459, 18.4175** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **9.7826, 18.7122, 4.7660**, and the grayscale version is **5.0145, 5.2756, 5.7452**.

A 20% lighter version of the original color is **33.1764, 20.4902, 41.7416**, and **4.7935, 2.3398, 6.1602** is the 20% darker color. If you saturate the color by 10%, you get **13.9416, 6.8606, 17.6777**, and if you desaturate by 10%, it is **14.6583, 7.8735, 19.2133**.

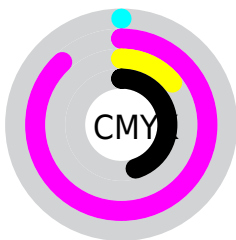
Distribution



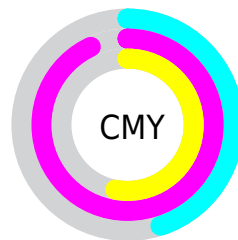
- Red (55%)
- Green (7%)
- Blue (47%)



- Red (55%)
- Yellow (7%)
- Blue (47%)



- Cyan (0%)
- Magenta (88%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2381, 7.2459, 18.4175 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 14.2381, 7.2459, 18.4175 by changing the saturation by 10% instead.

14.2381, 7.2459,
18.4175

14.2381, 7.2459,
18.4175

212.1882,
169.6916, 255.5285

8.3693, 3.6164,
11.0776

33.0937, 20.4662,
41.5710

4.3859, 1.4614,
6.0042

46.8111, 30.8258,
58.2216

1.9227, 0.2613,
2.7788

63.8754, 44.1975,
78.8129

0.5900, 0.0000,
0.9828

84.6520, 60.9657,
103.7635

0.0000, 0.0000,
0.0000

109.5062, 81.5148,
133.4918

138.8034,

106.2292, 168.4163

172.9090,
135.4933, 208.9558

14.2381, 7.2459,
18.4175

14.2381, 7.2459,
18.4175

13.9416, 6.8606,
17.6777

14.6583, 7.8735,
19.2133

13.8792, 6.7817,
17.5156

15.2377, 8.8148,
20.0768

15.9946, 10.1062,
21.0143

16.9444, 11.7788,
22.0311

18.1010, 13.8601,
23.1319

■ 19.4770, 16.3751,
24.3209

■ 21.0839, 19.3471,
25.6020

■ 22.9324, 22.7972,
26.9791

■ 25.0325, 26.7457,
28.4554

Harmonies

Analogous

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



11.0843, 7.2459, 33.8667



14.2381, 7.2459, 18.4175



15.2192, 7.2459, 6.5616

Triad

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



14.2381, 7.2459, 18.4175



6.4062, 7.2459, 0.0000



2.9045, 7.2459, 23.0593

Complementary

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



14.2381, 7.2459, 18.4175



9.7826, 18.7122, 4.7660

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.



2.3367, 7.2459, 9.3856



14.2381, 7.2459, 18.4175



3.9108, 7.2459, 0.2562

Square

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



14.2381, 7.2459, 18.4175



9.9537, 7.2459, 0.0000



2.6363, 7.2459, 2.4096



4.5254, 7.2459, 37.7301

Rectangle

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



14.2381, 7.2459, 18.4175



14.3126, 7.2459, 2.5395



2.6363, 7.2459, 2.4096



2.6122, 7.2459, 17.9268

Sweetspot

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



14.2384, 7.2463, 18.4176



35.2022, 29.9187, 43.8201



5.5644, 2.6280, 24.6404



7.9255, 6.5522, 9.9428



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.



14.2384, 7.2463, 18.4176



24.8053, 12.1248, 31.1056



11.6560, 6.2133, 4.8192



5.2009, 5.1158, 6.1467



12.5315, 6.1227, 15.8352



0.0874, 0.0423, 0.1272

Inverse Universe

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



14.2384, 7.2463, 18.4176



24.8053, 12.1248, 31.1056



11.5894, 19.4349, 14.2802



5.2009, 5.1158, 6.1467



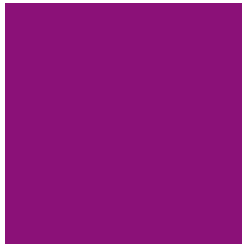
12.5315, 6.1227, 15.8352



0.0874, 0.0423, 0.1272

Previews

White Background



This preview shows how the XYZ color 14.2381, 7.2459, 18.4175 looks on a white background.

Color Contrast Check

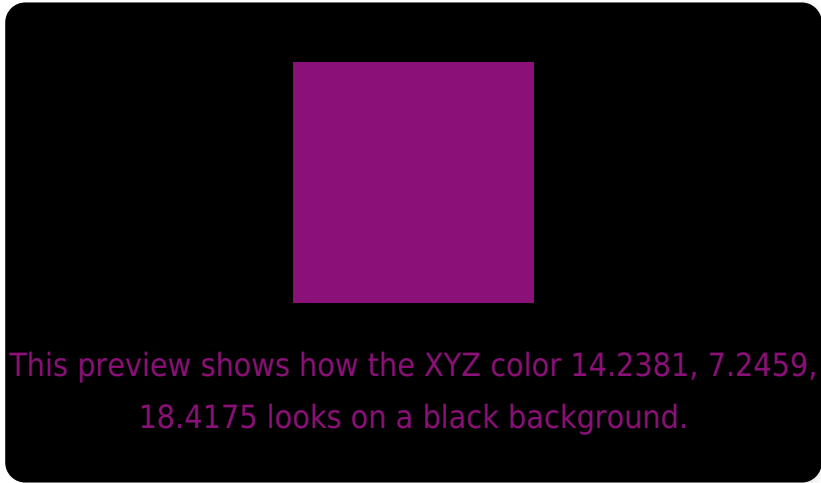
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2381, 7.2459, 18.4175

Background



This preview shows how black text looks on a background with the XYZ color 14.2381, 7.2459, 18.4175.



This preview shows how white text looks on a background with the XYZ color 14.2381, 7.2459, 18.4175.

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

14.2381, 7.2459, 18.4175

Protanopia

8.8612, 7.5702, 34.2519

Deuteranopia

7.7489, 7.5900, 16.6794



Tritanopia

11.3910, 7.4311, 4.0828

Trichromacy



Original Color

14.2381, 7.2459, 18.4175



Protanomaly

7.7952, 5.3865, 27.4169



Deuteranomaly

8.8330, 6.2175, 17.2575



Tritanomaly

11.9928, 7.0099, 7.7421

Monochromacy



Original Color

14.2381, 7.2459, 18.4175



Achromatopsia

5.0244, 5.2861, 5.7565



Achromatomaly

7.1103, 5.0451, 9.1934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2381, 7.2459, 18.4175 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(139, 17, 120)` looks like.

```
.text, #text, p{  
    color:rgb(139, 17, 120)  
}
```

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(139, 17, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 17, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.2381, 7.2459, 18.4175 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(139, 17, 120) }
```


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

```
.border{ border-color:rgb(139, 17, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 17, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 17, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 17, 120); box-shadow:4px 4px 4px 4px rgb(139, 17, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2381, 7.2459, 18.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 17, 120) }
```

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

```
.background{ background-color: rgb(139, 17,  
120) }
```

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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