

Converting Colors

XYZ(14.7161, 9.9175, 24.0055)

Have a look what the booklet for
XYZ(14.7161, 9.9175, 24.0055)
contains.

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Color

**XYZ(14.7209, 9.8898,
24.0547)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4187
RGB	125, 65, 135
RGB Percent	49%, 25%, 53%
CMY	0.5098, 0.7451, 0.4706
CMYK	0.07, 0.52, 0.00, 0.47
HSL	291°, 35%, 39%
HSV	291°, 52%, 53%
XYZ	14.7209, 9.8898, 24.0547
YIQ	90.9200, 13.2900, 34.4900

Conversions

Conversions Part 2

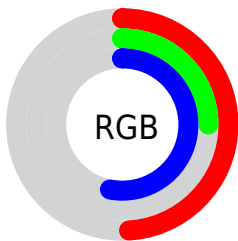
Format	Color
R_{YB}	125, 65, 135
Decimal	8208775
CIE _{Lab}	37.64, 37.29, -28.42
CIE _{LCh}	38, 46.884, 322.693
Yxy	9.8898, 0.3025, 0.2032
Android (android.graphics.Color)	4286398855 (0xFF7D4187)
YUV	90.9200, 21.7314, 29.8882
Hunter-Lab	31.4481, 28.5221, -23.3374

Details

The XYZ color **14.7209, 9.8898, 24.0547** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.5200, 19.2057, 8.0486**, and the grayscale version is **9.8762, 10.3905, 11.3153**.

A 20% lighter version of the original color is **33.9064, 25.5193, 51.2828**, and **4.6346, 2.4534, 8.8236** is the 20% darker color. If you saturate the color by 10%, you get **13.7579, 8.3774, 23.8137**, and if you desaturate by 10%, it is **15.8754, 11.7764, 24.3581**.

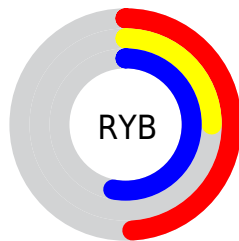
Distribution



Red (49%)

Green (25%)

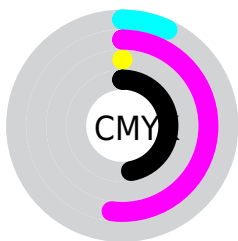
Blue (53%)



Red (49%)

Yellow (25%)

Blue (53%)

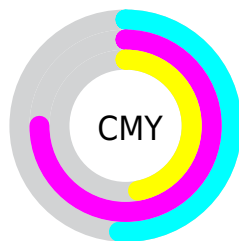


Cyan (7%)

Magenta (52%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7209, 9.8898, 24.0547 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 14.7209, 9.8898, 24.0547 by changing the saturation by 10% instead.

■ 14.7209, 9.8898,
24.0547

■ 14.7209, 9.8898,
24.0547

215.0927,
189.8837, 286.3924

■ 8.7088, 5.3260,
15.1616

■ 33.9385, 25.5880,
51.0644

■ 4.6073, 2.4398,
8.7850

■ 47.8747, 37.4912,
70.0181

■ 2.0511, 0.8462,
4.5063

■ 65.1829, 52.6096,
93.1624

■ 0.6624, 0.0000,
1.9070

■ 86.2286, 71.3276,
120.9159

■ 0.0000, 0.0000,
0.4972

■ 111.3771, 94.0296,
153.6971

■ 0.0000, 0.0000,
0.0000

140.9937,

121.1000, 191.9246

175.4437,
152.9233, 236.0168

■ 14.7209, 9.8898,
24.0547

■ 14.7209, 9.8898,
24.0547

■ 13.7579, 8.3774,
23.8137

■ 15.8754, 11.7764,
24.3581

■ 12.9718, 7.2110,
23.6300

■ 17.2323, 14.0601,
24.7274

■ 12.3477, 6.3607,
23.4987

■ 18.8032, 16.7634,
25.1664

■ 11.8677, 5.7905,
23.4140

■ 20.5983, 19.9070,
25.6786

■ 11.5379, 5.4428,
23.3643

■ 22.6272, 23.5099,
26.2671

■ 24.8990, 27.5902,
26.9349

■ 27.4222, 32.1649,
27.6849

■ 30.2050, 37.2503,
28.5199

■ 33.2550, 42.8618,
29.4422

Harmonies

Analogous

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



11.7830, 9.8898, 34.0429



14.7209, 9.8898, 24.0547



16.2885, 9.8898, 12.9881

Triad

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



14.7209, 9.8898, 24.0547



10.1461, 9.8898, 1.3236



5.0500, 9.8898, 18.4020

Complementary

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



14.7209, 9.8898, 24.0547



12.5200, 19.2057, 8.0486

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.



4.7927, 9.8898, 8.8170



14.7209, 9.8898, 24.0547



7.3621, 9.8898, 1.6245

Square

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



14.7209, 9.8898, 24.0547



13.3088, 9.8898, 2.2890



5.5460, 9.8898, 3.5803



6.3429, 9.8898, 29.7510

Rectangle

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



14.7209, 9.8898, 24.0547



16.1542, 9.8898, 7.5560



5.5460, 9.8898, 3.5803



4.8525, 9.8898, 14.7822

Sweetspot

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



14.7213, 9.8902, 24.0549



35.3873, 33.0117, 45.5551



9.1036, 7.9737, 23.9811



8.0644, 7.4161, 10.5127



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7213, 9.8902, 24.0549



24.4010, 14.6418, 42.5884



14.7240, 10.0686, 16.0627



4.7943, 4.7300, 5.8611



10.6478, 5.0233, 21.5451



0.0413, 0.0197, 0.0748

Inverse Universe

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



13.1522, 9.4398, 7.7858



21.4321, 13.8381, 9.6130



12.6685, 19.1817, 12.5968



4.6977, 4.6988, 5.0204



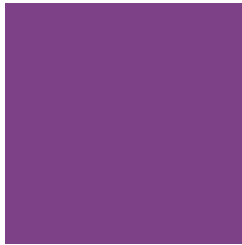
9.3276, 4.7954, 1.0313



0.0339, 0.0173, 0.0120

Previews

White Background



This preview shows how the XYZ color 14.7209, 9.8898, 24.0547 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



This preview shows how the XYZ color 14.7209, 9.8898, 24.0547 looks on a 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 14.7209, 9.8898, 24.0547

Background



This preview shows how black text looks on a background with the XYZ color 14.7209, 9.8898, 24.0547.



This preview shows how white text looks on a background with the XYZ color 14.7209, 9.8898,

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

14.7209, 9.8898, 24.0547

Protanopia

11.1282, 10.1128, 32.3758

Deuteranopia

10.2589, 9.9959, 22.8614



Tritanopia

11.7958, 9.9404, 9.6845

Trichromacy



Original Color

14.7209, 9.8898, 24.0547

Protanomaly

11.7086, 9.5691, 29.2469

Deuteranomaly

11.3479, 9.6274, 23.0900

Tritanomaly

12.7159, 9.8093, 14.0551

Monochromacy



Original Color

14.7209, 9.8898, 24.0547

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.2647, 9.9797, 15.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7209, 9.8898, 24.0547 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(125, 65, 135)` looks like.

```
.text, #text, p{  
    color:rgb(125, 65, 135)  
}
```

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(125, 65, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 65, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.7209, 9.8898, 24.0547 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(125, 65, 135) }
```


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

```
.border{ border-color:rgb(125, 65, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 65, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 65, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 65, 135);  
box-shadow:4px 4px 4px 4px rgb(125, 65,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7209, 9.8898, 24.0547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 65, 135) }
```

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

```
.background{ background-color: rgb(125, 65,  
135) }
```

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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