

Converting Colors

XYZ(24.3402, 15.5743, 23.9961)

Have a look what the booklet for
XYZ(24.3402, 15.5743, 23.9961)
contains.

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Color

**XYZ(24.2954, 15.5725,
23.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4985
RGB	175, 73, 133
RGB Percent	69%, 29%, 52%
CMY	0.3137, 0.7137, 0.4784
CMYK	0.00, 0.58, 0.24, 0.31
HSL	325°, 41%, 49%
HSV	325°, 58%, 69%
XYZ	24.2954, 15.5725, 23.9156
YIQ	110.3380, 41.5320, 40.2840

Conversions

Conversions Part 2

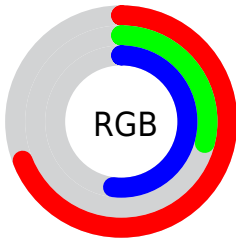
Format	Color
R_{YB}	175, 73, 133
Decimal	11487621
CIE Lab	46.41, 48.32, -13.07
CIE LCh	46, 50.055, 344.864
Yxy	15.5725, 0.3809, 0.2441
Android (android.graphics.Color)	4289677701 (0xFFAF4985)
YUV	110.3380, 11.1724, 56.7086
Hunter-Lab	39.4620, 40.8378, -8.3088

Details

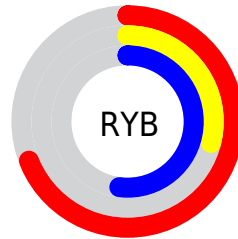
The XYZ color **24.2954, 15.5725, 23.9156** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.1729, 33.3147, 21.5357**, and the grayscale version is **14.8792, 15.6541, 17.0473**.

A 20% lighter version of the original color is **49.9281, 35.7905, 50.7311**, and **9.3261, 4.8605, 8.6303** is the 20% darker color. If you saturate the color by 10%, you get **22.8222, 13.3957, 21.0519**, and if you desaturate by 10%, it is **26.1271, 18.4115, 27.0677**.

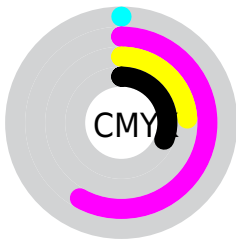
Distribution



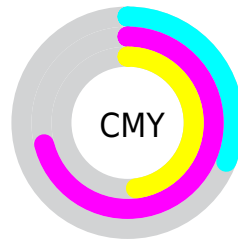
- Red (69%)
- Green (29%)
- Blue (52%)



- Red (69%)
- Yellow (29%)
- Blue (52%)



- Cyan (0%)
- Magenta (58%)
- Yellow (24%)
- Black (31%)





- Cyan (31%)
- Magenta (71%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2954, 15.5725, 23.9156 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 24.2954, 15.5725, 23.9156 by changing the saturation by 10% instead.


 24.2954, 15.5725,
23.9156


 24.2954, 15.5725,
23.9156


266.7234,
226.8057, 285.6663


 15.6788, 9.2222,
15.0594


 49.9630, 35.8544,
50.8345

 9.3866, 4.8864,
8.7140


 67.7447, 50.5548,
69.7344


 5.0533, 2.1807,
4.4609

 89.3122, 68.8073,
92.8191

 2.3136, 0.7095,
1.8814

 115.0308, 90.9964,
120.5074

 0.8016, 0.0000,
0.4809

 145.2658,
117.5063, 153.2177

 0.0000, 0.0000,
0.0000

180.3827,

148.7216, 191.3686

220.7468,
185.0266, 235.3786

■ 24.2954, 15.5725,
23.9156

■ 24.2954, 15.5725,
23.9156

■ 22.8222, 13.3957,
21.0519

■ 26.1271, 18.4115,
27.0677

■ 21.6777, 11.8226,
18.4628

■ 28.3414, 21.9599,
30.5189

■ 20.8288, 10.7885,
16.1340

■ 30.9615, 26.2634,
34.2804

■ 20.2195, 10.1823,
14.0432

■ 34.0087, 31.3630,
38.3624

■ 20.1244, 10.0920,
13.7030

■ 37.5024, 37.2971,
42.7742

■ 41.4609, 44.1011,
47.5250

■ 45.9015, 51.8087,
52.6233

■ 50.8405, 60.4516,
58.0775

■ 56.2936, 70.0602,
63.8954

Harmonies

Analogous

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



21.4282, 15.5725, 39.8659



24.2954, 15.5725, 23.9156



24.3096, 15.5725, 11.5813

Triad

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



24.2954, 15.5725, 23.9156



12.7813, 15.5725, 2.8268



9.6833, 15.5725, 39.7251

Complementary

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



24.2954, 15.5725, 23.9156



21.1729, 33.3147, 21.5357

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.



8.1654, 15.5725, 23.7790



24.2954, 15.5725, 23.9156



9.7043, 15.5725, 5.1060

Square

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



24.2954, 15.5725, 23.9156



17.0652, 15.5725, 2.8356



8.1722, 15.5725, 11.4971



12.7468, 15.5725, 51.5906

Rectangle

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



24.2954, 15.5725, 23.9156



22.6684, 15.5725, 6.7075



8.1722, 15.5725, 11.4971



9.0041, 15.5725, 34.3979

Sweetspot

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



24.2959, 15.5733, 23.9159



61.4906, 57.1532, 69.4600



17.0347, 11.4252, 41.8651



13.4125, 12.2737, 15.1076



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.2959, 15.5733, 23.9159



40.2151, 23.0593, 36.2960



21.6315, 14.5075, 9.8853



8.1954, 8.0914, 9.3398



14.4428, 7.2397, 9.9770



0.4281, 0.2119, 0.4162

Inverse Universe

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



24.2959, 15.5733, 23.9159



40.2151, 23.0593, 36.2960



24.8515, 34.7862, 40.9070



8.1954, 8.0914, 9.3398



14.4428, 7.2397, 9.9770



0.4281, 0.2119, 0.4162

Previews

White Background



This preview shows how the XYZ color 24.2954, 15.5725, 23.9156 looks on a white background.

Color Contrast Check

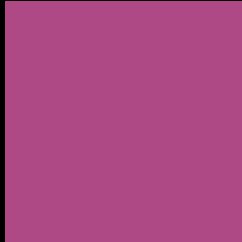
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.2954, 15.5725, 23.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

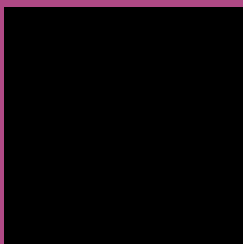
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2954, 15.5725, 23.9156

Background



This preview shows how black text looks on a background with the XYZ color 24.2954, 15.5725, 23.9156.



This preview shows how white text looks on a background with the XYZ color 24.2954, 15.5725,

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

24.2954, 15.5725, 23.9156

Protanopia

16.4460, 15.8734, 34.9980

Deuteranopia

16.0689, 15.7943, 22.6238



Tritanopia

21.6910, 15.5657, 11.3124

Trichromacy



Original Color

24.2954, 15.5725, 23.9156

Protanomaly

18.0001, 14.8528, 30.7723

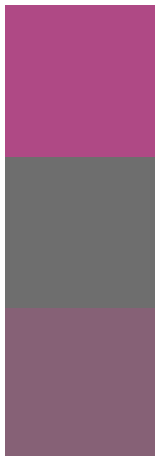
Deuteranomaly

18.2748, 15.0304, 23.0571

Tritanomaly

22.3590, 15.3825, 15.1553

Monochromacy



Original Color

24.2954, 15.5725, 23.9156

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.3762, 14.9257, 19.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2954, 15.5725, 23.9156 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(175, 73, 133)` looks like.

```
.text, #text, p{  
    color:rgb(175, 73, 133)  
}
```

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(175, 73, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 73, 133) }
```

Border

The CSS property to change the border of an element to XYZ 24.2954, 15.5725, 23.9156 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(175, 73, 133) }
```


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

```
.border{ border-color:rgb(175, 73, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 73, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 73, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 73, 133);  
box-shadow:4px 4px 4px 4px rgb(175, 73,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2954, 15.5725, 23.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 73, 133) }
```

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

```
.background{ background-color: rgb(175, 73,  
133) }
```

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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