

Converting Colors

XYZ(24.5500, 14.5173, 37.0978)

Have a look what the booklet for
XYZ(24.5500, 14.5173, 37.0978)
contains.

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Color

**XYZ(24.5054, 14.4871,
37.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	A73FA5
RGB	167, 63, 165
RGB Percent	65%, 25%, 65%
CMY	0.3451, 0.7529, 0.3529
CMYK	0.00, 0.62, 0.01, 0.35
HSL	301°, 45%, 45%
HSV	301°, 62%, 65%
XYZ	24.5054, 14.4871, 37.1020
YIQ	105.7240, 29.2420, 53.7700

Conversions

Conversions Part 2

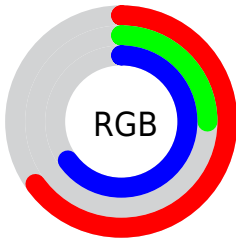
Format	Color
R_{YB}	167, 63, 165
Decimal	10960805
CIE _{Lab}	44.92, 55.63, -34.65
CIE _{LCh}	45, 65.541, 328.081
Yxy	14.4871, 0.3220, 0.1904
Android (android.graphics.Color)	4289150885 (0xFFA73FA5)
YUV	105.7240, 29.2231, 53.7391
Hunter-Lab	38.0619, 48.3153, -31.1514

Details

The XYZ color **24.5054, 14.4871, 37.1020** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **16.8234, 29.0765, 9.7275**, and the grayscale version is **13.5419, 14.2471, 15.5151**.

A 20% lighter version of the original color is **50.3309, 33.8974, 71.6003**, and **9.6627, 4.6370, 16.0085** is the 20% darker color. If you saturate the color by 10%, you get **23.6879, 12.8984, 36.6855**, and if you desaturate by 10%, it is **25.6045, 16.6381, 37.6130**.

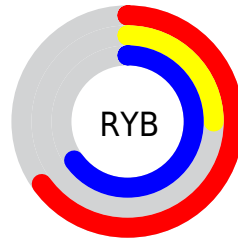
Distribution



Red (65%)

Green (25%)

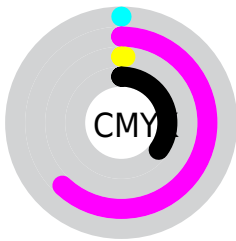
Blue (65%)



Red (65%)

Yellow (25%)

Blue (65%)

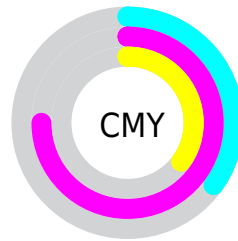


Cyan (0%)

Magenta (62%)

Yellow (1%)

Black (35%)



Cyan (35%)


Magenta (75%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5054, 14.4871, 37.1020 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 24.5054, 14.4871, 37.1020 by changing the saturation by 10% instead.


 24.5054, 14.4871,
37.1020


 24.5054, 14.4871,
37.1020


267.7591,
220.2404, 348.9339


 15.8357, 8.4602,
24.9901


 50.3024, 33.9509,
71.9177


 9.4981, 4.3908,
15.8507


 68.1604, 48.1565,
95.4586


 5.1272, 1.8945,
9.2654


 89.8119, 65.8572,
123.6462

 2.3576, 0.5451,
4.8155

 115.6222, 87.4374,
156.8990

 0.8239, 0.0000,
2.0826

 145.9568,
113.2814, 195.6357

 0.0000, 0.0000,
0.6054

181.1808,

 0.0000, 0.0000,

143.7736, 240.2747

0.0000

221.6598,
179.2985, 291.2346

■ 24.5054, 14.4871,
37.1020

■ 24.5054, 14.4871,
37.1020

■ 23.6879, 12.8984,
36.6855

■ 25.6045, 16.6381,
37.6130

■ 23.1241, 11.8175,
36.3538

■ 27.0067, 19.3955,
38.2252

■ 22.7834, 11.1827,
36.0969

■ 28.7331, 22.8012,
38.9459

■ 22.6183, 10.8883,
35.9313

■ 30.8025, 26.8927,
39.7812

■ 33.2323, 31.7050,
40.7371

■ 36.0387, 37.2703,
41.8189

■ 39.2369, 43.6192,
43.0316

■ 42.8413, 50.7804,
44.3801

■ 46.8656, 58.7811,
45.8689

Harmonies

Analogous

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



19.2151, 14.4871, 58.7981



24.5054, 14.4871, 37.1020



26.8578, 14.4871, 16.7835

Triad

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



24.5054, 14.4871, 37.1020



14.1177, 14.4871, 0.8355



6.5293, 14.4871, 34.1548

Complementary

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



24.5054, 14.4871, 37.1020



16.8234, 29.0765, 9.7275

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.



5.8220, 14.4871, 14.8058



24.5054, 14.4871, 37.1020



9.4643, 14.4871, 1.4325

Square

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



24.5054, 14.4871, 37.1020



19.9716, 14.4871, 1.6417



6.7415, 14.4871, 4.7464



9.0062, 14.4871, 56.4530

Rectangle

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



24.5054, 14.4871, 37.1020



26.0796, 14.4871, 8.2700



6.7415, 14.4871, 4.7464



6.1101, 14.4871, 26.8272

Sweetspot

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



24.5059, 14.4878, 37.1023



56.3709, 50.5504, 71.7232



10.9156, 7.4605, 37.4245



12.3600, 10.8080, 15.9493



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.5059, 14.4878, 37.1023



41.9583, 22.2050, 65.4403



20.7102, 12.9695, 17.1143



7.8356, 7.6641, 9.4514



17.3097, 8.3326, 27.5061



0.4230, 0.2035, 0.6792

Inverse Universe

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



24.5059, 14.4878, 37.1023



41.9583, 22.2050, 65.4403



19.0645, 29.9729, 21.5289



7.8356, 7.6641, 9.4514



17.3097, 8.3326, 27.5061



0.4230, 0.2035, 0.6792

Previews

White Background



This preview shows how the XYZ color 24.5054, 14.4871, 37.1020 looks on a white background.

Color Contrast Check

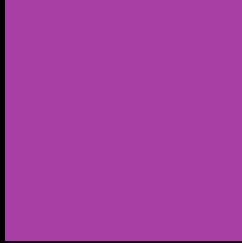
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5054, 14.4871, 37.1020 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 24.5054, 14.4871, 37.1020

Background



This preview shows how black text looks on a background with the XYZ color 24.5054, 14.4871, 37.1020.



This preview shows how white text looks on a background with the XYZ color 24.5054, 14.4871,

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

24.5054, 14.4871, 37.1020

Protanopia

17.0792, 14.9218, 57.8571

Deuteranopia

15.0719, 14.7080, 34.3923



Tritanopia

19.2374, 14.5214, 11.6865

Trichromacy



Original Color

24.5054, 14.4871, 37.1020

Protanomaly

17.3738, 13.1986, 49.7760

Deuteranomaly

17.1594, 13.5304, 35.4254

Tritanomaly

20.6218, 14.1928, 18.7921

Monochromacy



Original Color

24.5054, 14.4871, 37.1020

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.3890, 13.4338, 21.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5054, 14.4871, 37.1020 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(167, 63, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 63, 165)  
}
```

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(167, 63, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 63, 165) }
```

Border

The CSS property to change the border of an element to XYZ 24.5054, 14.4871, 37.1020 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(167, 63, 165) }
```


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

```
.border{ border-color:rgb(167, 63, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 63, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 63, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 63, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 63,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5054, 14.4871, 37.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 63, 165) }
```

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

```
.background{ background-color: rgb(167, 63,  
165) }
```

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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