

Converting Colors

XYZ(21.5373, 14.4650, 35.2188)

Have a look what the booklet for
XYZ(21.5373, 14.4650, 35.2188)
contains.

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Color

**XYZ(21.6234, 14.5547,
35.3879)**

Conversions

Conversions Part 1

Format	Color
Hex	954FA1
RGB	149, 79, 161
RGB Percent	58%, 31%, 63%
CMY	0.4157, 0.6902, 0.3686
CMYK	0.07, 0.51, 0.00, 0.37
HSL	291°, 34%, 47%
HSV	291°, 51%, 63%
XYZ	21.6234, 14.5547, 35.3879
YIQ	109.2780, 15.3980, 40.3420

Conversions

Conversions Part 2

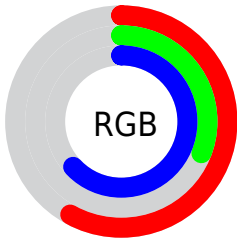
Format	Color
R_{YB}	149, 79, 161
Decimal	9785249
CIE _{Lab}	45.02, 42.22, -32.30
CIE _{LCh}	45, 53.164, 322.581
Yxy	14.5547, 0.3021, 0.2034
Android (android.graphics.Color)	4287975329 (0xFF954FA1)
YUV	109.2780, 25.4989, 34.8362
Hunter-Lab	38.1506, 34.4085, -28.2910

Details

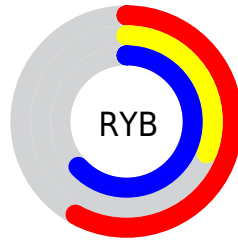
The XYZ color **21.6234, 14.5547, 35.3879** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.4710, 28.2788, 11.8826**, and the grayscale version is **14.5420, 15.2993, 16.6609**.

A 20% lighter version of the original color is **45.6878, 34.1696, 69.1531**, and **7.9994, 4.4214, 14.8998** is the 20% darker color. If you saturate the color by 10%, you get **20.1743, 12.2878, 35.0269**, and if you desaturate by 10%, it is **23.3635, 17.3898, 35.8436**.

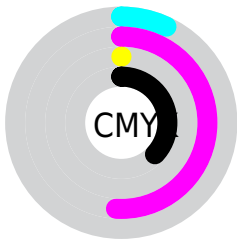
Distribution



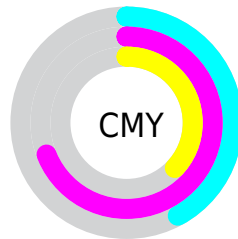
- Red (58%)
- Green (31%)
- Blue (63%)



- Red (58%)
- Yellow (31%)
- Blue (63%)



- Cyan (7%)
- Magenta (51%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (69%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6234, 14.5547, 35.3879 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 21.6234, 14.5547, 35.3879 by changing the saturation by 10% instead.

■ 21.6234, 14.5547,
35.3879

■ 21.6234, 14.5547,
35.3879

253.2427,
220.6549, 341.2333

■ 13.6955, 8.5075,
23.6759

■ 45.6063, 34.0701,
69.2446

■ 7.9895, 4.4213,
14.8834

■ 62.3919, 48.3070,
92.2264

■ 4.1400, 1.9119,
8.5919

■ 82.8609, 66.0426,
119.8019

■ 1.7816, 0.5555,
4.3828

■ 107.3785, 87.6613,
152.3896

■ 0.5066, 0.0000,
1.8376

■ 136.3102,
113.5475, 190.4080

■ 0.0000, 0.0000,
0.4526

170.0212,

■ 0.0000, 0.0000,

144.0856, 234.2758

0.0000

208.8769,
179.6599, 284.4114

■ 21.6234, 14.5547,
35.3879

■ 21.6234, 14.5547,
35.3879

■ 20.1743, 12.2878,
35.0269

■ 23.3635, 17.3898,
35.8436

■ 18.9939, 10.5459,
34.7529

■ 25.4116, 20.8285,
36.3994

■ 18.0592, 9.2826,
34.5584

■ 27.7854, 24.9053,
37.0612

■ 17.3424, 8.4425,
34.4340

■ 30.5006, 29.6518,
37.8343

■ 16.8219, 7.9289,
34.3623

■ 33.5719, 35.0974,
38.7235

■ 37.0132, 41.2697,
39.7335

■ 40.8376, 48.1948,
40.8686

■ 45.0576, 55.8976,
42.1330

■ 49.6849, 64.4018,
43.5306

Harmonies

Analogous

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



17.3117, 14.5547, 49.9921



21.6234, 14.5547, 35.3879



23.9315, 14.5547, 19.1565

Triad

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



21.6234, 14.5547, 35.3879



14.9455, 14.5547, 1.9677



7.4437, 14.5547, 26.9794

Complementary

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



21.6234, 14.5547, 35.3879



18.4710, 28.2788, 11.8826

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.



7.0711, 14.5547, 12.9435



21.6234, 14.5547, 35.3879



10.8560, 14.5547, 2.4050

Square

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



21.6234, 14.5547, 35.3879



19.5830, 14.5547, 3.4000



8.1835, 14.5547, 5.2728



9.3368, 14.5547, 43.6121

Rectangle

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



21.6234, 14.5547, 35.3879



23.7429, 14.5547, 11.1691



8.1835, 14.5547, 5.2728



7.1553, 14.5547, 21.6782

Sweetspot

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



21.6239, 14.5553, 35.3882



52.4306, 49.2534, 67.1300



13.4248, 11.7697, 35.2827



11.2895, 10.4363, 14.6630



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.6239, 14.5553, 35.3882



35.8483, 21.5784, 62.6622



21.6798, 14.8438, 23.6606



7.2620, 7.1494, 8.9003



13.4616, 6.3462, 27.4452



0.3089, 0.1468, 0.5779

Inverse Universe

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



19.3827, 13.9249, 11.5643



31.6168, 20.4610, 14.3941



18.6606, 28.2287, 18.5696



7.1141, 7.1021, 7.5870



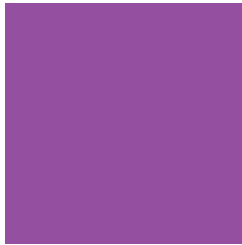
11.8767, 6.1067, 1.2754



0.2610, 0.1329, 0.0869

Previews

White Background



This preview shows how the XYZ color 21.6234, 14.5547, 35.3879 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 21.6234, 14.5547, 35.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

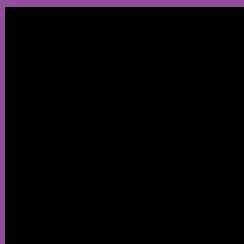
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.6234, 14.5547, 35.3879

Background



This preview shows how black text looks on a background with the XYZ color 21.6234, 14.5547, 35.3879.



This preview shows how white text looks on a background with the XYZ color 21.6234, 14.5547,

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

21.6234, 14.5547, 35.3879

Protanopia

16.2745, 14.7390, 47.3346

Deuteranopia

15.0853, 14.7346, 33.5015



Tritanopia

17.3362, 14.6077, 14.2178

Trichromacy



Original Color

21.6234, 14.5547, 35.3879

Protanomaly

17.1842, 14.0283, 42.8763

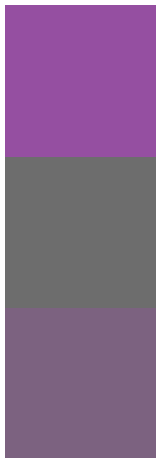
Deuteranomaly

16.7848, 14.1494, 34.1942

Tritanomaly

18.6491, 14.5041, 20.5555

Monochromacy



Original Color

21.6234, 14.5547, 35.3879

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.5761, 14.5790, 22.3624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6234, 14.5547, 35.3879 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(149, 79, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 79, 161)  
}
```

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(149, 79, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 79, 161) }
```

Border

The CSS property to change the border of an element to XYZ 21.6234, 14.5547, 35.3879 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(149, 79, 161) }
```


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

```
.border{ border-color:rgb(149, 79, 161) }
```

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

Here you see how a box with a 4 pixel rgb(149, 79, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 79, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 79, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 79,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6234, 14.5547, 35.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 79, 161) }
```

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

```
.background{ background-color: rgb(149, 79,  
161) }
```

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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