

Converting Colors

XYZ(21.5239, 14.2437, 25.8005)

Have a look what the booklet for
XYZ(21.5239, 14.2437, 25.8005)
contains.

XYZ(21.5334, 14.2061, 25.6519)	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(21.5334, 14.2061,
25.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	A04A8A
RGB	160, 74, 138
RGB Percent	63%, 29%, 54%
CMY	0.3725, 0.7098, 0.4588
CMYK	0.00, 0.54, 0.14, 0.37
HSL	315°, 37%, 46%
HSV	315°, 54%, 63%
XYZ	21.5334, 14.2061, 25.6519
YIQ	107.0100, 30.7120, 38.1360

Conversions

Conversions Part 2

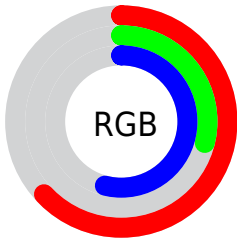
Format	Color
R_{YB}	160, 74, 138
Decimal	10504842
CIE _{Lab}	44.53, 43.92, -19.17
CIE _{LCh}	45, 47.917, 336.422
Yxy	14.2061, 0.3508, 0.2314
Android (android.graphics.Color)	4288694922 (0xFFA04A8A)
YUV	107.0100, 15.2781, 46.4722
Hunter-Lab	37.6910, 36.0204, -13.9682

Details

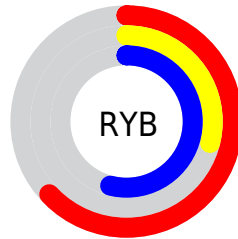
The XYZ color **21.5334, 14.2061, 25.6519** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **17.5068, 27.4424, 15.4416**, and the grayscale version is **13.9314, 14.6569, 15.9614**.

A 20% lighter version of the original color is **45.5906, 33.4792, 53.9284**, and **7.9555, 4.2691, 9.6372** is the 20% darker color. If you saturate the color by 10%, you get **20.3072, 12.2188, 23.8085**, and if you desaturate by 10%, it is **23.0434, 16.7425, 27.6452**.

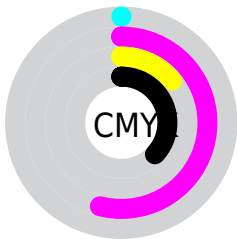
Distribution



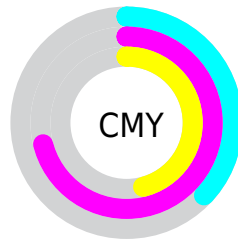
- Red (63%)
- Green (29%)
- Blue (54%)



- Red (63%)
- Yellow (29%)
- Blue (54%)



- Cyan (0%)
- Magenta (54%)
- Yellow (14%)
- Black (37%)



- Cyan (37%)
- Magenta (71%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5334, 14.2061, 25.6519 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 21.5334, 14.2061, 25.6519 by changing the saturation by 10% instead.

■ 21.5334, 14.2061,
25.6519

■ 21.5334, 14.2061,
25.6519

252.7782,
218.5092, 294.6200

■ 13.6291, 8.2642,
16.3400

■ 45.4582, 33.4543,
53.6900

■ 7.9431, 4.2644,
9.6081

■ 62.2095, 47.5293,
73.2533

■ 4.1101, 1.8226,
5.0377

■ 82.6404, 65.0841,
97.0708

■ 1.7646, 0.5012,
2.2103

■ 107.1164, 86.5032,
125.5610

■ 0.4962, 0.0000,
0.6803

■ 136.0029,
112.1708, 159.1424

■ 0.0000, 0.0000,
0.0000

169.6651,

142.4714, 198.2338

208.4684,
177.7894, 243.2534

■ 21.5334, 14.2061,
25.6519

■ 21.5334, 14.2061,
25.6519

■ 20.3072, 12.2188,
23.8085

■ 23.0434, 16.7425,
27.6452

■ 19.3422, 10.7366,
22.1067

■ 24.8547, 19.8638,
29.7945

■ 18.6147, 9.7118,
20.5378

■ 26.9850, 23.6049,
32.1065

■ 18.0957, 9.0867,
19.0918

■ 29.4503, 27.9975,
34.5870

■ 17.8312, 8.8072,
18.2344

■ 32.2655, 33.0711,
37.2415

■ 35.4444, 38.8534,
40.0752

■ 39.0002, 45.3706,
43.0931

■ 42.9455, 52.6475,
46.2999

■ 47.2921, 60.7078,
49.7000

Harmonies

Analogous

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



18.4189, 14.2061, 39.7279



21.5334, 14.2061, 25.6519



22.3270, 14.2061, 13.2051

Triad

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



21.5334, 14.2061, 25.6519



12.6873, 14.2061, 2.4863



8.3571, 14.2061, 31.8809

Complementary

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



21.5334, 14.2061, 25.6519



17.5068, 27.4424, 15.4416

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.



7.3766, 14.2061, 17.9758



21.5334, 14.2061, 25.6519



9.5494, 14.2061, 3.8775

Square

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



21.5334, 14.2061, 25.6519



16.7023, 14.2061, 3.0050



7.7672, 14.2061, 8.4148



10.7399, 14.2061, 44.3672

Rectangle

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



21.5334, 14.2061, 25.6519



21.3211, 14.2061, 7.7921



7.7672, 14.2061, 8.4148



7.8756, 14.2061, 27.0184

Sweetspot

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



21.5339, 14.2068, 25.6522



52.2671, 48.6766, 61.6165



13.5661, 9.8962, 34.4531



11.2714, 10.3335, 13.3226



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.



21.5339, 14.2068, 25.6522



36.5822, 21.7294, 42.7538



19.0349, 13.2072, 12.4928



6.8316, 6.7256, 7.9644



13.9086, 6.8680, 14.3015



0.2646, 0.1292, 0.3394

Inverse Universe

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



21.5339, 14.2068, 25.6522



36.5822, 21.7294, 42.7538



20.0191, 28.4473, 28.6713



6.8316, 6.7256, 7.9644



13.9086, 6.8680, 14.3015



0.2646, 0.1292, 0.3394

Previews

White Background



This preview shows how the XYZ color 21.5334, 14.2061, 25.6519 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 21.5334, 14.2061, 25.6519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

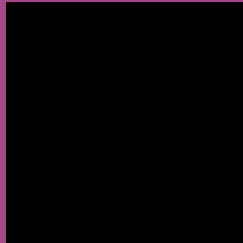
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.5334, 14.2061, 25.6519

Background



This preview shows how black text looks on a background with the XYZ color 21.5334, 14.2061, 25.6519.



This preview shows how white text looks on a background with the XYZ color 21.5334, 14.2061,

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

21.5334, 14.2061, 25.6519

Protanopia

15.2211, 14.4523, 35.7055

Deuteranopia

14.6634, 14.4189, 24.2006



Tritanopia

18.6544, 14.2209, 11.6592

Trichromacy



Original Color

21.5334, 14.2061, 25.6519

Protanomaly

16.4742, 13.6393, 31.9014

Deuteranomaly

16.4559, 13.7889, 24.7159

Tritanomaly

19.5538, 14.1357, 15.8852

Monochromacy



Original Color

21.5334, 14.2061, 25.6519

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.9664, 13.9280, 18.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5334, 14.2061, 25.6519 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(160, 74, 138)` looks like.

```
.text, #text, p{  
  color:rgb(160, 74, 138)  
}
```

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(160, 74, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 74, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.5334, 14.2061, 25.6519 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(160, 74, 138) }
```


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

```
.border{ border-color:rgb(160, 74, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 74, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 74, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 74, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 74,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5334, 14.2061, 25.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 74, 138) }
```

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

```
.background{ background-color: rgb(160, 74,  
138) }
```

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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