

Converting Colors

XYZ(30.1852, 25.0093, 37.5623)

Have a look what the booklet for
XYZ(30.1852, 25.0093, 37.5623)
contains.

XYZ(30.1535, 24.9413, 37.4073)	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(30.1535, 24.9413,
37.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	AB79A2
RGB	171, 121, 162
RGB Percent	67%, 47%, 64%
CMY	0.3294, 0.5255, 0.3647
CMYK	0.00, 0.29, 0.05, 0.33
HSL	311°, 23%, 57%
HSV	311°, 29%, 67%
XYZ	30.1535, 24.9413, 37.4073
YIQ	140.6240, 16.6390, 23.3510

Conversions

Conversions Part 2

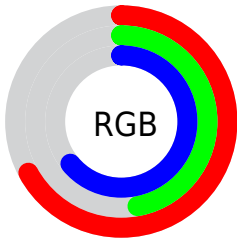
Format	Color
R_{YB}	171, 121, 162
Decimal	11237794
CIE _{Lab}	57.02, 26.28, -14.18
CIE _{LCh}	57, 29.861, 331.645
Yxy	24.9413, 0.3260, 0.2696
Android (android.graphics.Color)	4289427874 (0xFFAB79A2)
YUV	140.6240, 10.5384, 26.6398
Hunter-Lab	49.9413, 20.3774, -9.4509

Details

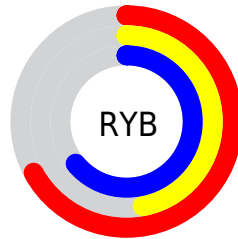
The XYZ color **30.1535, 24.9413, 37.4073** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.4783, 34.8031, 26.4426**, and the grayscale version is **25.1265, 26.4351, 28.7878**.

A 20% lighter version of the original color is **59.3390, 51.6128, 72.4804**, and **12.5389, 9.4838, 15.9215** is the 20% darker color. If you saturate the color by 10%, you get **27.9867, 21.0398, 35.3517**, and if you desaturate by 10%, it is **32.6969, 29.5844, 39.6220**.

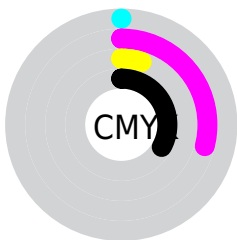
Distribution



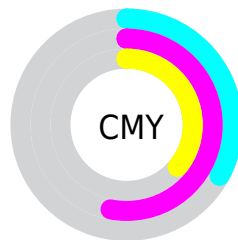
- Red (67%)
- Green (47%)
- Blue (64%)



- Red (67%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1535, 24.9413, 37.4073 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 30.1535, 24.9413, 37.4073 by changing the saturation by 10% instead.

■ 30.1535, 24.9413,
37.4073

■ 30.1535, 24.9413,
37.4073

294.5163,
277.5455, 350.2922

■ 20.1038, 16.0333,
25.2247

■ 59.2898, 51.5620,
72.3921

■ 12.5792, 9.5477,
16.0240

■ 79.1071, 70.0435,
96.0314

■ 7.2144, 5.1001,
9.3866

■ 102.9110, 92.4849,
124.3267

■ 3.6441, 2.3061,
4.8940

131.0668,
119.2707, 157.6966

■ 1.5028, 0.7770,
2.1275

163.9398,
150.7853, 196.5595

■ 0.3277, 0.0000,
0.6321

201.8955,

■ 0.0000, 0.0000,

187.4130, 241.3341

0.0000

245.2992,
229.5383, 292.4388

■ 30.1535, 24.9413,
37.4073

■ 30.1535, 24.9413,
37.4073

■ 27.9867, 21.0398,
35.3517

■ 32.6969, 29.5844,
39.6220

■ 26.1747, 17.8377,
33.4469

■ 35.6326, 35.0018,
42.0006

■ 24.6969, 15.2936,
31.6861

■ 38.9784, 41.2283,
44.5493

■ 23.5298, 13.3602,
30.0612

■ 42.7500, 48.2957,
47.2737

■ 22.6466, 11.9843,
28.5630

■ 46.9626, 56.2339,
50.1790

■ 22.0159, 11.1031,
27.1810

■ 51.6304, 65.0715,
53.2703

■ 21.5760, 10.5932,
25.8940

■ 56.7671, 74.8356,
56.5523

■ 21.5445, 10.5579,
25.7979

■ 61.4844, 83.7499,
59.7291

■ 61.8167, 83.8828,
61.4790

Harmonies

Analogous

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



27.4252, 24.9413, 47.1535



30.1535, 24.9413, 37.4073



31.1106, 24.9413, 26.6058

Triad

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



30.1535, 24.9413, 37.4073



23.5128, 24.9413, 12.0583



18.4132, 24.9413, 38.6095

Complementary

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



30.1535, 24.9413, 37.4073



26.4783, 34.8031, 26.4426

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.



17.5807, 24.9413, 27.7154



30.1535, 24.9413, 37.4073



20.3391, 24.9413, 13.8041

Square

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



30.1535, 24.9413, 37.4073



27.0571, 24.9413, 13.4537



18.2500, 24.9413, 18.9741



20.6436, 24.9413, 47.9594

Rectangle

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



30.1535, 24.9413, 37.4073



30.5470, 24.9413, 20.6344



18.2500, 24.9413, 18.9741



17.9711, 24.9413, 34.9265

Sweetspot

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



30.1543, 24.9424, 37.4078



63.8599, 62.7677, 75.2549



23.2931, 21.3096, 41.4139



14.0644, 13.6703, 16.6430



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1543, 24.9424, 37.4078



51.4517, 40.0616, 64.6132



28.1962, 24.1592, 27.0966



8.2743, 8.1230, 9.7552



16.2588, 7.9661, 19.5403



0.4682, 0.2280, 0.6273

Inverse Universe

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



30.1543, 24.9424, 37.4078



51.4517, 40.0616, 64.6132



28.3095, 35.5356, 36.0854



8.2743, 8.1230, 9.7552



16.2588, 7.9661, 19.5403



0.4682, 0.2280, 0.6273

Previews

White Background



This preview shows how the XYZ color 30.1535, 24.9413, 37.4073 looks on a white background.

Color Contrast Check

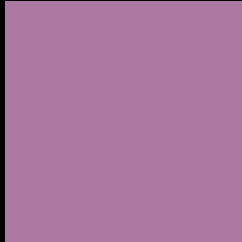
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.1535, 24.9413, 37.4073 looks on a black 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

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

XYZ 30.1535, 24.9413, 37.4073

Background



This preview shows how black text looks on a background with the XYZ color 30.1535, 24.9413, 37.4073.



This preview shows how white text looks on a background with the XYZ color 30.1535, 24.9413,

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

30.1535, 24.9413, 37.4073

Protanopia

25.1526, 25.1761, 42.5635

Deuteranopia

25.6855, 25.1637, 36.7610



Tritanopia

28.0532, 25.0241, 26.6441

Trichromacy



Original Color

30.1535, 24.9413, 37.4073

Protanomaly

26.6858, 24.9890, 40.4627

Deuteranomaly

27.0458, 24.8530, 37.0899

Tritanomaly

28.6807, 24.8947, 30.0816

Monochromacy



Original Color

30.1535, 24.9413, 37.4073

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.8988, 25.8955, 32.0144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1535, 24.9413, 37.4073 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(171, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 121, 162)  
}
```

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(171, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 121, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.1535, 24.9413, 37.4073 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(171, 121, 162) }
```


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

```
.border{ border-color:rgb(171, 121, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 121, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 121, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 121, 162);  
box-shadow:4px 4px 4px 4px rgb(171, 121,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1535, 24.9413, 37.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 121, 162) }
```

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

```
.background{ background-color: rgb(171,  
121, 162) }
```

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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