

Converting Colors

XYZ(29.7490, 25.0173, 60.6473)

Have a look what the booklet for
XYZ(29.7490, 25.0173, 60.6473)
contains.

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Color

**XYZ(29.7343, 24.9562,
60.3766)**

Conversions

Conversions Part 1

Format	Color
Hex	907DCC
RGB	144, 125, 204
RGB Percent	56%, 49%, 80%
CMY	0.4353, 0.5098, 0.2000
CMYK	0.29, 0.39, 0.00, 0.20
HSL	254°, 44%, 65%
HSV	254°, 39%, 80%
XYZ	29.7343, 24.9562, 60.3766
YIQ	139.6870, -14.0350, 28.5970

Conversions

Conversions Part 2

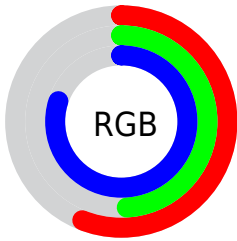
Format	Color
RYB	144, 125, 204
Decimal	9469388
CIELab	57.03, 24.63, -38.39
CIELCh	57, 45.613, 302.680
Yxy	24.9562, 0.2584, 0.2169
Android (android.graphics.Color)	4287659468 (0xFF907DCC)
YUV	139.6870, 31.7063, 3.7825
Hunter-Lab	49.9562, 18.8212, -36.6880

Details

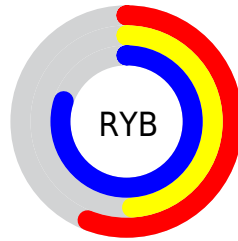
The XYZ color **29.7343, 24.9562, 60.3766** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **45.3027, 54.9812, 27.6277**, and the grayscale version is **24.6916, 25.9775, 28.2895**.

A 20% lighter version of the original color is **57.5236, 51.2029, 101.4591**, and **12.3236, 9.5630, 29.6301** is the 20% darker color. If you saturate the color by 10%, you get **24.8892, 19.0109, 59.4848**, and if you desaturate by 10%, it is **35.4830, 32.1556, 61.4637**.

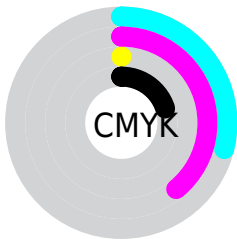
Distribution



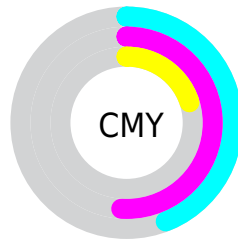
- Red (56%)
- Green (49%)
- Blue (80%)



- Red (56%)
- Yellow (49%)
- Blue (80%)



- Cyan (29%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7343, 24.9562, 60.3766 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 29.7343, 24.9562, 60.3766 by changing the saturation by 10% instead.

■ 29.7343, 24.9562,
60.3766

■ 29.7343, 24.9562,
60.3766

292.5961,
277.6197, 443.8276

■ 19.7841, 16.0444,
43.2950

■ 58.6313, 51.5862,
106.9245

■ 12.3455, 9.5556,
29.7835

■ 78.3087, 70.0731,
137.2278

■ 7.0533, 5.1053,
19.4237

■ 101.9592, 92.5206,
172.7755

■ 3.5421, 2.3092,
11.7969

129.9482,
119.3130, 213.9861

■ 1.4465, 0.7786,
6.4847

162.6411,
150.8348, 261.2780

■ 0.2890, 0.0000,
3.0685

200.4031,

■ 0.0000, 0.0000,

187.4702, 315.0699

1.1297

243.5997,
229.6037, 375.7802

■ 0.0000, 0.0000,
0.0000

■ 29.7343, 24.9562,
60.3766

■ 29.7343, 24.9562,
60.3766

■ 24.8892, 19.0109,
59.4848

■ 35.4830, 32.1556,
61.4637

■ 20.8973, 14.2436,
58.7751

■ 42.1765, 40.6733,
62.7550

■ 17.7070, 10.5744,
58.2350

■ 49.8571, 50.5727,
64.2609

■ 15.2599, 7.9119,
57.8501

■ 58.5633, 61.9118,
65.9907

■ 13.4885, 6.1495,
57.6032

■ 68.3315, 74.7458,
67.9531

■ 12.2947, 5.1210,
57.4676

■ 79.1966, 89.1266,
70.1562

■ 12.1689, 5.0142,
57.4537

■ 86.9702, 96.6608,
71.2008

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



24.2054, 24.9562, 68.6311



29.7343, 24.9562, 60.3766



34.1107, 24.9562, 43.1042

Triad

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



29.7343, 24.9562, 60.3766



28.7741, 24.9562, 8.4751



14.8394, 24.9562, 28.5771

Complementary

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



29.7343, 24.9562, 60.3766



45.3027, 54.9812, 27.6277

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.



15.6881, 24.9562, 15.7484



29.7343, 24.9562, 60.3766



23.2413, 24.9562, 7.0619

Square

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



29.7343, 24.9562, 60.3766



33.5003, 24.9562, 14.1440



18.5771, 24.9562, 9.1261



16.0569, 24.9562, 46.4391

Rectangle

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



29.7343, 24.9562, 60.3766



35.4871, 24.9562, 31.1119



18.5771, 24.9562, 9.1261



14.8926, 24.9562, 23.5815

Sweetspot

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



29.7352, 24.9572, 60.3772



78.0140, 77.8622, 105.5249



36.8250, 43.6559, 63.6127



16.3337, 16.1954, 22.5151



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.7352, 24.9572, 60.3772



42.8029, 33.4084, 98.8003



37.7460, 29.0869, 60.7521



10.8502, 10.9721, 14.1163



7.7298, 3.1924, 36.1651



0.4691, 0.2009, 1.8690

Inverse Universe

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



40.9931, 31.0083, 49.7241



64.1214, 44.8854, 77.8041



37.1612, 50.7841, 27.2467



11.5677, 11.3558, 13.5241



19.4320, 9.5834, 20.5256



1.0310, 0.5058, 1.2090

Previews

White Background



This preview shows how the XYZ color 29.7343, 24.9562, 60.3766 looks on a white background.

Color Contrast Check

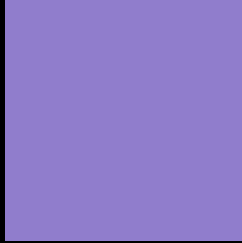
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7343, 24.9562, 60.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

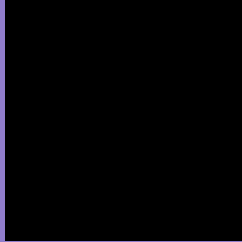
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7343, 24.9562, 60.3766

Background



This preview shows how black text looks on a background with the XYZ color 29.7343, 24.9562, 60.3766.



This preview shows how white text looks on a background with the XYZ color 29.7343, 24.9562,

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

29.7343, 24.9562, 60.3766

Protanopia

26.7154, 25.0549, 65.7154

Deuteranopia

25.7715, 25.1238, 59.3682



Tritanopia

23.9638, 25.0160, 31.5825

Trichromacy



Original Color

29.7343, 24.9562, 60.3766

Protanomaly

27.6510, 24.9736, 63.6846

Deuteranomaly

27.0568, 24.9519, 59.8901

Tritanomaly

25.7719, 24.9206, 40.4976

Monochromacy



Original Color

29.7343, 24.9562, 60.3766

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.2593, 25.6350, 38.2144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7343, 24.9562, 60.3766 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(144, 125, 204)` looks like.

```
.text, #text, p{  
    color:rgb(144, 125, 204)  
}
```

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(144, 125, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 125, 204) }
```

Border

The CSS property to change the border of an element to XYZ 29.7343, 24.9562, 60.3766 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(144, 125, 204) }
```


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

```
.border{ border-color:rgb(144, 125, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 125, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 125, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 125, 204);  
box-shadow:4px 4px 4px 4px rgb(144, 125,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7343, 24.9562, 60.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 125, 204) }
```

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

```
.background{ background-color: rgb(144,  
125, 204) }
```

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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