

Converting Colors

XYZ(29.7620, 26.5502, 37.9227)

Have a look what the booklet for
XYZ(29.7620, 26.5502, 37.9227)
contains.

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Color

**XYZ(29.7421, 26.6278,
37.7545)**

Conversions

Conversions Part 1

Format	Color
Hex	A383A2
RGB	163, 131, 162
RGB Percent	64%, 51%, 64%
CMY	0.3608, 0.4863, 0.3647
CMYK	0.00, 0.20, 0.01, 0.36
HSL	302°, 15%, 58%
HSV	302°, 20%, 64%
XYZ	29.7421, 26.6278, 37.7545
YIQ	144.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

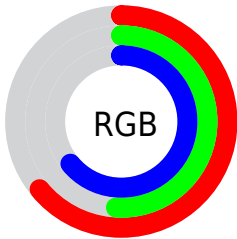
Format	Color
RYB	163, 131, 162
Decimal	10716066
CIELab	58.63, 17.78, -11.84
CIElCh	59, 21.361, 326.345
Yxy	26.6278, 0.3160, 0.2829
Android (android.graphics.Color)	4288906146 (0xFFA383A2)
YUV	144.1020, 8.8237, 16.5735
Hunter-Lab	51.6021, 12.5789, -7.2578

Details

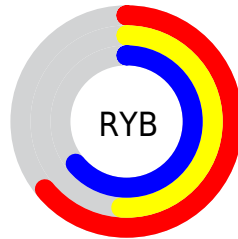
The XYZ color **29.7421, 26.6278, 37.7545** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.6231, 32.6863, 26.7371**, and the grayscale version is **26.5140, 27.8948, 30.3774**.

A 20% lighter version of the original color is **58.5783, 54.1962, 73.0191**, and **12.3124, 10.3902, 16.1084** is the 20% darker color. If you saturate the color by 10%, you get **27.6779, 22.5713, 36.8438**, and if you desaturate by 10%, it is **32.1525, 31.3756, 38.7821**.

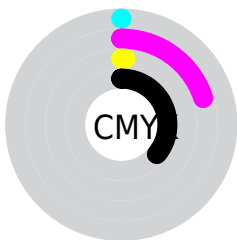
Distribution



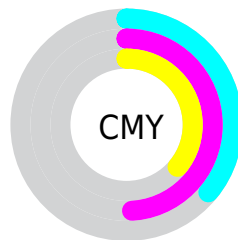
- Red (64%)
- Green (51%)
- Blue (64%)



- Red (64%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (36%)




- Cyan (36%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7421, 26.6278, 37.7545 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 29.7421, 26.6278, 37.7545 by changing the saturation by 10% instead.


 29.7421, 26.6278,
37.7545


 29.7421, 26.6278,
37.7545


292.6319,
285.8505, 351.8322


 19.7900, 17.2939,
25.4919


 58.6435, 54.2860,
72.9309

 12.3499, 10.4442,
16.2215


 78.3236, 73.3791,
96.6818

 7.0563, 5.6945,
9.5250

 101.9770, 96.4941,
125.0992

 3.5440, 2.6602,
4.9837

129.9691,
124.0153, 158.6016

 1.4475, 0.9570,
2.1791

162.6653,
156.3271, 197.6075

 0.2897, 0.0000,
0.6623

200.4309,

 0.0000, 0.0000,

193.8140, 242.5356

0.0000

243.6314,
236.8603, 293.8043

■ 29.7421, 26.6278,
37.7545

■ 29.7421, 26.6278,
37.7545

■ 27.6779, 22.5713,
36.8438

■ 32.1525, 31.3756,
38.7821

■ 25.9414, 19.1703,
36.0429

■ 34.9217, 36.8411,
39.9300

■ 24.5161, 16.3915,
35.3466

■ 38.0647, 43.0538,
41.2033

■ 23.3831, 14.1969,
34.7487

■ 41.5948, 50.0404,
42.6066

■ 22.5214, 12.5446,
34.2421

■ 45.5246, 57.8263,
44.1440

■ 21.9071, 11.3869,
33.8189

■ 49.8664, 66.4358,
45.8197

■ 21.5124, 10.6682,
33.4698

■ 54.6317, 75.8920,
47.6374

■ 21.2761, 10.2658,
33.1744

■ 57.7543, 82.0626,
48.9086

■ 21.2679, 10.2520,
33.1637

■ 57.8012, 82.0813,
49.1553

Harmonies

Analogous

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



27.6130, 26.6278, 43.9540



29.7421, 26.6278, 37.7545



30.6815, 26.6278, 29.9235

Triad

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



29.7421, 26.6278, 37.7545



25.6317, 26.6278, 16.8382



21.0541, 26.6278, 35.8849

Complementary

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



29.7421, 26.6278, 37.7545



26.6231, 32.6863, 26.7371

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.



20.6033, 26.6278, 28.0823



29.7421, 26.6278, 37.7545



23.1367, 26.6278, 17.8826

Square

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



29.7421, 26.6278, 37.7545



28.2073, 26.6278, 18.5580



21.3397, 26.6278, 21.7043



22.6163, 26.6278, 42.7503

Rectangle

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



29.7421, 26.6278, 37.7545



30.4620, 26.6278, 25.1164



21.3397, 26.6278, 21.7043



20.7724, 26.6278, 33.2496

Sweetspot

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



29.7429, 26.6290, 37.7551



59.2524, 59.4852, 70.1534



24.1713, 23.7464, 37.9602



13.2414, 13.2291, 15.7285



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.7429, 26.6290, 37.7551



51.4106, 44.0401, 66.8046



28.4461, 26.1103, 30.9264



7.3547, 7.1983, 8.8544



16.5323, 7.9690, 25.7912



0.3501, 0.1685, 0.5565

Inverse Universe

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



29.7429, 26.6290, 37.7551



51.4106, 44.0401, 66.8046



27.7666, 33.1437, 32.7586



7.3547, 7.1983, 8.8544



16.5323, 7.9690, 25.7912



0.3501, 0.1685, 0.5565

Previews

White Background



This preview shows how the XYZ color 29.7421, 26.6278, 37.7545 looks on a white background.

Color Contrast Check

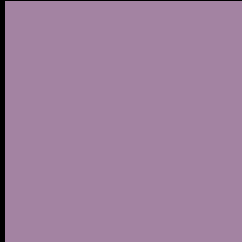
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7421, 26.6278, 37.7545 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 29.7421, 26.6278, 37.7545

Background



This preview shows how black text looks on a background with the XYZ color 29.7421, 26.6278, 37.7545.



This preview shows how white text looks on a background with the XYZ color 29.7421, 26.6278,

37.7545.

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

29.7421, 26.6278, 37.7545

Protanopia

26.4376, 26.7342, 40.8126

Deuteranopia

27.3756, 26.8612, 37.4601



Tritanopia

28.3339, 26.6716, 30.4428

Trichromacy



Original Color

29.7421, 26.6278, 37.7545

Protanomaly

27.5056, 26.6642, 39.7734

Deuteranomaly

28.0459, 26.5766, 37.3698

Tritanomaly

28.8737, 26.6908, 32.9082

Monochromacy



Original Color

29.7421, 26.6278, 37.7545

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.5810, 27.2789, 33.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7421, 26.6278, 37.7545 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(163, 131, 162)` looks like.

```
.text, #text, p{  
    color:rgb(163, 131, 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(163, 131, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 131, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.7421, 26.6278, 37.7545 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(163, 131, 162) }
```


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

```
.border{ border-color:rgb(163, 131, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 131, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 131, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 131, 162);  
box-shadow:4px 4px 4px 4px rgb(163, 131,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7421, 26.6278, 37.7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 131, 162) }
```

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

```
.background{ background-color: rgb(163,  
131, 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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