

Converting Colors

XYZ(29.5382, 26.5226, 37.7450)

Have a look what the booklet for
XYZ(29.5382, 26.5226, 37.7450)
contains.

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Color

**XYZ(29.5382, 26.5226,
37.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	A283A2
RGB	162, 131, 162
RGB Percent	64%, 51%, 64%
CMY	0.3647, 0.4863, 0.3647
CMYK	0.00, 0.19, 0.00, 0.36
HSL	300°, 14%, 57%
HSV	300°, 19%, 64%
XYZ	29.5382, 26.5226, 37.7450
YIQ	143.8030, 8.5250, 16.2130

Conversions

Conversions Part 2

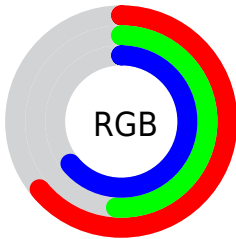
Format	Color
R_{YB}	162, 131, 162
Decimal	10650530
CIE Lab	58.53, 17.43, -12.00
CIE LCh	59, 21.157, 325.459
Yxy	26.5226, 0.3149, 0.2827
Android (android.graphics.Color)	4288840610 (0xFFA283A2)
YUV	143.8030, 8.9711, 15.9588
Hunter-Lab	51.5001, 12.2546, -7.4042

Details

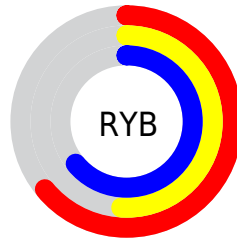
The XYZ color **29.5382, 26.5226, 37.7450** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.3782, 32.3055, 26.3194**, and the grayscale version is **26.3933, 27.7679, 30.2392**.

A 20% lighter version of the original color is **58.2801, 54.0424, 73.0052**, and **12.1873, 10.3256, 16.1026** is the 20% darker color. If you saturate the color by 10%, you get **27.5305, 22.5069, 37.0760**, and if you desaturate by 10%, it is **31.8877, 31.2210, 38.5285**.

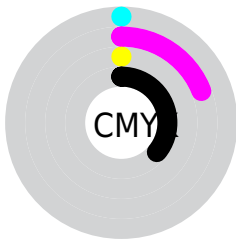
Distribution



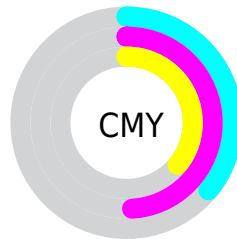
- Red (64%)
- Green (51%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5382, 26.5226, 37.7450 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 29.5382, 26.5226, 37.7450 by changing the saturation by 10% instead.

■ 29.5382, 26.5226,
37.7450

■ 29.5382, 26.5226,
37.7450

291.6945,
285.3381, 351.7902

■ 19.6347, 17.2150,
25.4845

■ 58.3228, 54.1168,
72.9162

■ 12.2365, 10.3879,
16.2161

■ 77.9345, 73.1723,
96.6640

■ 6.9783, 5.6569,
9.5212

■ 101.5130, 96.2458,
125.0781

■ 3.4947, 2.6376,
4.9813

129.4236,
123.7217, 158.5768

■ 1.4205, 0.9456,
2.1777

162.0317,
155.9846, 197.5789

■ 0.2707, 0.0000,
0.6615

199.7027,

■ 0.0000, 0.0000,

193.4186, 242.5028

0.0000

242.8018,
236.4084, 293.7670

■ 29.5382, 26.5226,
37.7450

■ 29.5382, 26.5226,
37.7450

■ 27.5305, 22.5069,
37.0760

■ 31.8877, 31.2210,
38.5285

■ 25.8465, 19.1389,
36.5146

■ 34.5913, 36.6282,
39.4298

■ 24.4700, 16.3857,
36.0557

■ 37.6637, 42.7730,
40.4540

■ 23.3823, 14.2104,
35.6930

■ 41.1180, 49.6817,
41.6056

■ 22.5629, 12.5716,
35.4198

■ 44.9668, 57.3793,
42.8886

■ 21.9885, 11.4230,
35.2283

■ 49.2220, 65.8895,
44.3070

■ 21.6320, 10.7100,
35.1094

■ 53.8949, 75.2353,
45.8647

■ 21.4373, 10.3206,
35.0444

■ 57.1823, 81.8102,
46.9606

■ 21.4221, 10.2901,
35.0393

■ 57.1824, 81.8102,
46.9607

Harmonies

Analogous

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



27.4111, 26.5226, 43.7672



29.5382, 26.5226, 37.7450



30.5071, 26.5226, 30.0228

Triad

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



29.5382, 26.5226, 37.7450



25.6054, 26.5226, 16.8652



20.9740, 26.5226, 35.4545

Complementary

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



29.5382, 26.5226, 37.7450



26.3782, 32.3055, 26.3194

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.



20.5627, 26.5226, 27.7638



29.5382, 26.5226, 37.7450



23.1280, 26.5226, 17.8192

Square

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



29.5382, 26.5226, 37.7450



28.1398, 26.5226, 18.6503



21.3248, 26.5226, 21.5223



22.4890, 26.5226, 42.2939

Rectangle

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



29.5382, 26.5226, 37.7450



30.3206, 26.5226, 25.2410



21.3248, 26.5226, 21.5223



20.7067, 26.5226, 32.8500

Sweetspot

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



29.5390, 26.5238, 37.7456



59.3023, 59.5052, 70.4161



23.9991, 23.6678, 37.4865



13.2537, 13.2340, 15.7934



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.



29.5390, 26.5238, 37.7456



51.9820, 44.8648, 67.9758



28.2448, 26.0061, 30.9305



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6044



0.3546, 0.1703, 0.5800

Inverse Universe

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



29.5390, 26.5238, 37.7456



51.9820, 44.8648, 67.9758



27.5087, 32.7577, 32.2725



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6044



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 29.5382, 26.5226, 37.7450 looks on a white background.

Color Contrast Check

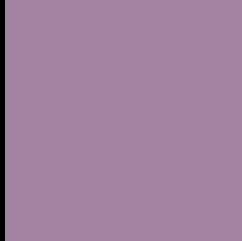
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5382, 26.5226, 37.7450 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 29.5382, 26.5226, 37.7450

Background



This preview shows how black text looks on a background with the XYZ color 29.5382, 26.5226, 37.7450.



This preview shows how white text looks on a background with the XYZ color 29.5382, 26.5226,

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

29.5382, 26.5226, 37.7450

Protanopia

26.4376, 26.7342, 40.8126

Deuteranopia

27.0557, 26.4843, 37.4042



Tritanopia

28.1331, 26.5681, 30.4334

Trichromacy



Original Color

29.5382, 26.5226, 37.7450

Protanomaly

27.5056, 26.6642, 39.7734

Deuteranomaly

27.8595, 26.4805, 37.3611

Tritanomaly

28.6714, 26.5865, 32.8987

Monochromacy



Original Color

29.5382, 26.5226, 37.7450

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 29.5382, 26.5226, 37.7450 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(162, 131, 162)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 29.5382, 26.5226, 37.7450 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(162, 131, 162) }
```


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

```
.border{ border-color:rgb(162, 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(162, 131, 162)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 29.5382, 26.5226, 37.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(162,  
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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