

Converting Colors

XYZ(17.1422, 12.6616, 31.2462)

Have a look what the booklet for
XYZ(17.1422, 12.6616, 31.2462)
contains.

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Color

**XYZ(17.1422, 12.6616,
31.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5298
RGB	125, 82, 152
RGB Percent	49%, 32%, 60%
CMY	0.5098, 0.6784, 0.4039
CMYK	0.18, 0.46, 0.00, 0.40
HSL	277°, 30%, 46%
HSV	277°, 46%, 60%
XYZ	17.1422, 12.6616, 31.2462
YIQ	102.8370, 3.1580, 30.8860

Conversions

Conversions Part 2

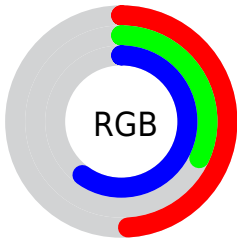
Format	Color
R_{YB}	125, 82, 152
Decimal	8213144
CIE _{Lab}	42.25, 31.42, -31.49
CIE _{LCh}	42, 44.487, 314.939
Yxy	12.6616, 0.2808, 0.2074
Android (android.graphics.Color)	4286403224 (0xFF7D5298)
YUV	102.8370, 24.2374, 19.4370
Hunter-Lab	35.5831, 23.7220, -27.1554

Details

The XYZ color **17.1422, 12.6616, 31.2462** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0584, 26.3172, 12.0585**, and the grayscale version is **12.7870, 13.4529, 14.6502**.

A 20% lighter version of the original color is **38.1042, 30.5912, 62.9279**, and **5.7740, 3.5975, 12.7020** is the 20% darker color. If you saturate the color by 10%, you get **15.2897, 10.1897, 30.8669**, and if you desaturate by 10%, it is **19.3000, 15.6684, 31.7131**.

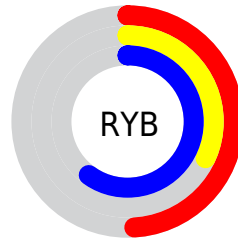
Distribution



Red (49%)

Green (32%)

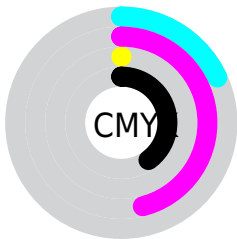
Blue (60%)



Red (49%)

Yellow (32%)

Blue (60%)

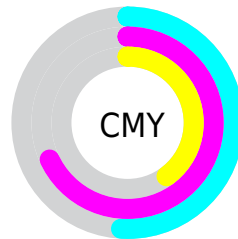


Cyan (18%)

Magenta (46%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (68%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1422, 12.6616, 31.2462 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 17.1422, 12.6616, 31.2462 by changing the saturation by 10% instead.

■ 17.1422, 12.6616,
31.2462

■ 17.1422, 12.6616,
31.2462

229.1308,
208.7374, 322.0572

■ 10.4319, 7.1959,
20.5264

■ 38.1118, 30.6945,
62.7116

■ 5.7507, 3.5849,
12.5904

■ 53.1017, 44.0305,
84.2942

■ 2.7333, 1.4442,
7.0197

■ 71.5822, 60.7587,
110.3349

■ 1.0143, 0.2490,
3.3958

■ 93.9186, 81.2636,
141.2521

■ 0.0000, 0.0000,
1.3001

■ 120.4764,
105.9295, 177.4644

■ 0.0000, 0.0000,
0.0619

151.6207,

■ 0.0000, 0.0000,

135.1409, 219.3903

0.0000

187.7171,
169.2820, 267.4484

■ 17.1422, 12.6616,
31.2462

■ 17.1422, 12.6616,
31.2462

■ 15.2897, 10.1897,
30.8669

■ 19.3000, 15.6684,
31.7131

■ 13.7234, 8.2167,
30.5686

■ 21.7781, 19.2398,
32.2718

■ 12.4238, 6.7047,
30.3453

■ 24.5919, 23.4052,
32.9275

■ 11.3680, 5.6093,
30.1895

■ 27.7553, 28.1911,
33.6845

■ 10.5236, 4.8671,
30.0908

■ 31.2816, 33.6229,
34.5471

■ 10.2194, 4.6136,
30.0579

■ 35.1831, 39.7242,
35.5192

■ 39.4717, 46.5176,
36.6044

■ 44.1586, 54.0244,
37.8063

■ 49.2547, 62.2651,
39.1283

Harmonies

Analogous

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



13.7601, 12.6616, 40.1449



17.1422, 12.6616, 31.2462



19.3290, 12.6616, 19.1159

Triad

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



17.1422, 12.6616, 31.2462



13.7744, 12.6616, 2.5835



6.8514, 12.6616, 19.0691

Complementary

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



17.1422, 12.6616, 31.2462



19.0584, 26.3172, 12.0585

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.



6.8538, 12.6616, 9.5527



17.1422, 12.6616, 31.2462



10.4595, 12.6616, 2.5802

Square

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



17.1422, 12.6616, 31.2462



17.1544, 12.6616, 4.4722



8.0578, 12.6616, 4.4592



8.0505, 12.6616, 31.1987

Rectangle

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



17.1422, 12.6616, 31.2462



19.5991, 12.6616, 12.2684



8.0578, 12.6616, 4.4592



6.7200, 12.6616, 15.4246

Sweetspot

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



17.1427, 12.6621, 31.2465



44.3541, 42.7332, 58.3443



14.7236, 15.2133, 31.8664



9.8392, 9.3498, 13.2036



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.1427, 12.6621, 31.2465



26.9820, 17.9782, 54.4817



21.0774, 14.7549, 28.5254



6.2303, 6.2046, 7.7982



8.6039, 3.8865, 25.2044



0.1691, 0.0790, 0.3787

Inverse Universe

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



18.7270, 13.8147, 16.1482



30.4053, 20.4331, 23.4649



16.5115, 24.9719, 13.4016



6.3025, 6.2602, 6.9730



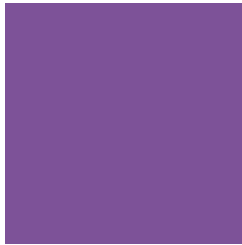
11.5255, 5.8644, 4.0265



0.1893, 0.0945, 0.1495

Previews

White Background



This preview shows how the XYZ color 17.1422, 12.6616, 31.2462 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 17.1422, 12.6616, 31.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

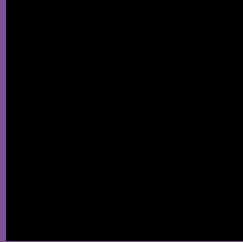
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.1422, 12.6616, 31.2462

Background



This preview shows how black text looks on a background with the XYZ color 17.1422, 12.6616, 31.2462.



This preview shows how white text looks on a background with the XYZ color 17.1422, 12.6616,

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

17.1422, 12.6616, 31.2462

Protanopia

13.9231, 12.8663, 37.8260

Deuteranopia

13.0285, 12.7133, 30.2010



Tritanopia

13.6878, 12.7269, 14.0470

Trichromacy



Original Color

17.1422, 12.6616, 31.2462

Protanomaly

14.5746, 12.4516, 35.3535

Deuteranomaly

14.1387, 12.4636, 30.5147

Tritanomaly

14.7921, 12.6615, 19.4336

Monochromacy



Original Color

17.1422, 12.6616, 31.2462

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.0989, 12.9444, 19.8446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1422, 12.6616, 31.2462 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(125, 82, 152)` looks like.

```
.text, #text, p{  
    color:rgb(125, 82, 152)  
}
```

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(125, 82, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 82, 152) }
```

Border

The CSS property to change the border of an element to XYZ 17.1422, 12.6616, 31.2462 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(125, 82, 152) }
```


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

```
.border{ border-color:rgb(125, 82, 152) }
```

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

Here you see how a box with a 4 pixel rgb(125, 82, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 82, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 82, 152);  
box-shadow:4px 4px 4px 4px rgb(125, 82,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1422, 12.6616, 31.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 82, 152) }
```

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

```
.background{ background-color: rgb(125, 82,  
152) }
```

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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