

Converting Colors

XYZ(31.2359, 15.6441, 26.7680)

Have a look what the booklet for
XYZ(31.2359, 15.6441, 26.7680)
contains.

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Color

**XYZ(31.2421, 15.6386,
26.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	D1068E
RGB	209, 6, 142
RGB Percent	82%, 2%, 56%
CMY	0.1804, 0.9763, 0.4431
CMYK	0.00, 0.97, 0.32, 0.18
HSL	320°, 94%, 42%
HSV	320°, 97%, 82%
XYZ	31.2421, 15.6386, 26.9631
YIQ	82.2010, 77.3320, 85.3320

Conversions

Conversions Part 2

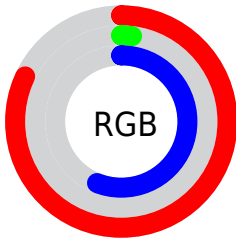
Format	Color
R_{YB}	209, 6, 142
Decimal	13698702
CIE _{Lab}	46.50, 75.68, -17.84
CIE _{LCh}	46, 77.759, 346.736
Yxy	15.6386, 0.4231, 0.2118
Android (android.graphics.Color)	4291888782 (0xFFD1068E)
YUV	82.2010, 29.4809, 111.2027
Hunter-Lab	39.5457, 71.8147, -12.7432

Details

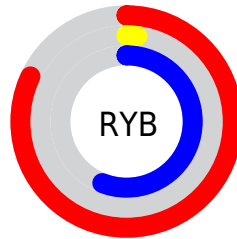
The XYZ color **31.2421, 15.6386, 26.9631** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **24.0801, 46.1215, 13.9437**, and the grayscale version is **7.9969, 8.4133, 9.1621**.

A 20% lighter version of the original color is **55.0310, 32.8998, 55.6744**, and **14.3262, 7.1623, 10.7526** is the 20% darker color. If you saturate the color by 10%, you get **31.0286, 15.4489, 26.1598**, and if you desaturate by 10%, it is **32.1019, 16.5032, 29.8853**.

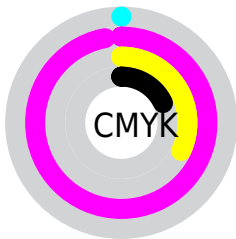
Distribution



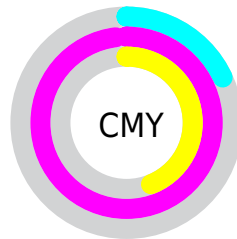
- Red (82%)
- Green (2%)
- Blue (56%)



- Red (82%)
- Yellow (2%)
- Blue (56%)



- Cyan (0%)
- Magenta (97%)
- Yellow (32%)
- Black (18%)





- Cyan (18%)
- Magenta (98%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2421, 15.6386, 26.9631 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 31.2421, 15.6386, 26.9631 by changing the saturation by 10% instead.

 31.2421, 15.6386,
26.9631


 31.2421, 15.6386,
26.9631


299.4591,
227.1996, 301.2329

 20.9360, 9.2688,
17.3133


 60.9943, 35.9696,
55.8277


 13.1894, 4.9169,
10.2938


 81.1711, 50.6997,
75.8795


 7.6370, 2.1986,
5.4861


 105.3688, 68.9852,
100.2358

 3.9134, 0.7192,
2.4715

 133.9529, 91.2107,
129.3151

 1.6533, 0.0000,
0.8250

 167.2886,
117.7605, 163.5359

 0.4267, 0.0000,
0.0000

 205.7413,

 0.0000, 0.0000,

149.0189, 203.3168

0.0000

249.6763,
185.3705, 249.0763

■ 31.2421, 15.6386,
26.9631

■ 31.2421, 15.6386,
26.9631

■ 31.0286, 15.4489,
26.1598

■ 32.1019, 16.5032,
29.8853

■ 33.3287, 18.0498,
33.0907

■ 34.9906, 20.4134,
36.6049

■ 37.1382, 23.6944,
40.4472

■ 39.8149, 27.9788,
44.6348

■ 43.0589, 33.3423,
49.1829

■ 46.9050, 39.8536,
54.1055

■ 51.3850, 47.5755,
59.4156

■ 56.5283, 56.5662,
65.1256

Harmonies

Analogous

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



26.3458, 15.6386, 56.8483



31.2421, 15.6386, 26.9631



30.9120, 15.6386, 8.4653

Triad

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



31.2421, 15.6386, 26.9631



11.4569, 15.6386, 0.3986



7.6724, 15.6386, 60.4506

Complementary

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



31.2421, 15.6386, 26.9631



24.0801, 46.1215, 13.9437

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.



5.6309, 15.6386, 30.0023



31.2421, 15.6386, 26.9631



7.3229, 15.6386, 2.1984

Square

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



31.2421, 15.6386, 26.9631



18.0171, 15.6386, 0.3133



5.5259, 15.6386, 9.8931



12.1021, 15.6386, 84.0113

Rectangle

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



31.2421, 15.6386, 26.9631



27.7497, 15.6386, 3.1263



5.5259, 15.6386, 9.8931



6.7509, 15.6386, 49.9642

Sweetspot

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



31.2426, 15.6395, 26.9634



72.1397, 60.0743, 83.0899



14.1225, 6.0483, 60.7447



14.8784, 11.9050, 17.0683



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.



31.2426, 15.6395, 26.9634



48.5736, 24.1934, 40.5481



26.8007, 13.8627, 3.5729



12.1379, 11.9399, 14.0022



19.1785, 9.5442, 16.3780



1.1082, 0.5480, 1.1045

Inverse Universe

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



31.2426, 15.6395, 26.9634



48.5736, 24.1934, 40.5481



30.3024, 48.6105, 46.7102



12.1379, 11.9399, 14.0022



19.1785, 9.5442, 16.3780



1.1082, 0.5480, 1.1045

Previews

White Background



This preview shows how the XYZ color 31.2421, 15.6386, 26.9631 looks on a white background.

Color Contrast Check

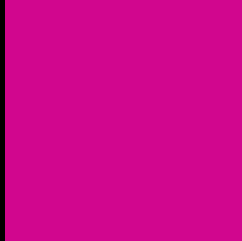
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2421, 15.6386, 26.9631 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 31.2421, 15.6386, 26.9631

Background



This preview shows how black text looks on a background with the XYZ color 31.2421, 15.6386, 26.9631.



This preview shows how white text looks on a background with the XYZ color 31.2421, 15.6386,

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

31.2421, 15.6386, 26.9631

Protanopia

18.4949, 16.4073, 58.6921

Deuteranopia

16.4435, 16.1139, 24.0734



Tritanopia

26.8322, 15.8406, 5.7810

Trichromacy



Original Color

31.2421, 15.6386, 26.9631



Protanomaly

18.1291, 11.8225, 45.0425



Deuteranomaly

18.9740, 12.7082, 24.7454



Tritanomaly

27.6731, 15.0866, 10.9047

Monochromacy



Original Color

31.2421, 15.6386, 26.9631



Achromatopsia

8.0200, 8.4376, 9.1886



Achromatomaly

12.7199, 8.2270, 14.0143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2421, 15.6386, 26.9631 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(209, 6, 142)` looks like.

```
.text, #text, p{  
    color:rgb(209, 6, 142)  
}
```

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(209, 6, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 6, 142) }
```

Border

The CSS property to change the border of an element to XYZ 31.2421, 15.6386, 26.9631 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(209, 6, 142) }
```


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

```
.border{ border-color:rgb(209, 6, 142) }
```

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

Here you see how a box with a 4 pixel rgb(209, 6, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 6, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 6, 142);  
box-shadow:4px 4px 4px 4px rgb(209, 6,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2421, 15.6386, 26.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 6, 142) }
```

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

```
.background{ background-color: rgb(209, 6,  
142) }
```

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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