

Converting Colors

XYZ(17.2042, 8.2051, 30.8141)

Have a look what the booklet for
XYZ(17.2042, 8.2051, 30.8141)
contains.

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Color

**XYZ(17.2514, 8.2292,
30.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	900099
RGB	144, 0, 153
RGB Percent	56%, 0%, 60%
CMY	0.4353, 1.0000, 0.4000
CMYK	0.06, 1.00, 0.00, 0.40
HSL	296°, 100%, 30%
HSV	296°, 100%, 60%
XYZ	17.2514, 8.2292, 30.8161
YIQ	60.4980, 36.7110, 78.1110

Conversions

Conversions Part 2

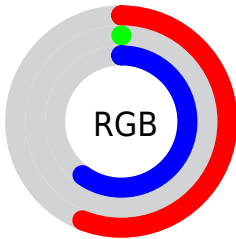
Format	Color
R_{YB}	144, 0, 153
Decimal	9437337
CIE _{Lab}	34.46, 65.61, -44.32
CIE _{LCh}	34, 79.179, 325.963
Yxy	8.2292, 0.3064, 0.1462
Android (android.graphics.Color)	4287627417 (0xFF900099)
YUV	60.4980, 45.6035, 73.2313
Hunter-Lab	28.6866, 57.1440, -43.6107

Details

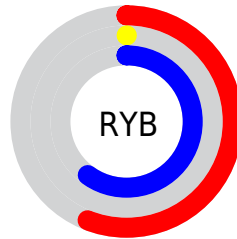
The XYZ color **17.2514, 8.2292, 30.8161** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **11.5041, 22.8407, 3.8027**, and the grayscale version is **4.3001, 4.5240, 4.9266**.

A 20% lighter version of the original color is **38.3962, 22.4184, 61.9780**, and **6.3735, 3.0143, 12.5578** is the 20% darker color. If you saturate the color by 10%, you get **17.2515, 8.2293, 30.8162**, and if you desaturate by 10%, it is **17.5847, 8.6612, 30.8820**.

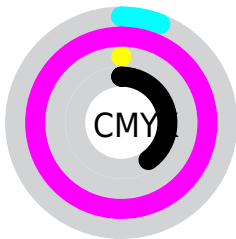
Distribution



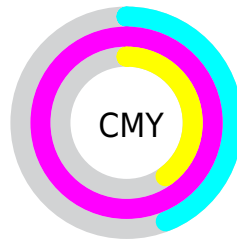
- Red (56%)
- Green (0%)
- Blue (60%)



- Red (56%)
- Yellow (0%)
- Blue (60%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)





- Cyan (44%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2514, 8.2292, 30.8161 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 17.2514, 8.2292, 30.8161 by changing the saturation by 10% instead.


 17.2514, 8.2292,
30.8161


 17.2514, 8.2292,
30.8161


229.7451,
177.5188, 320.0151


 10.5103, 4.2420,
20.2016


 38.2977, 22.4066,
62.0266

 5.8034, 1.8098,
12.3561


 53.3336, 33.3655,
83.4596

 2.7655, 0.4933,
6.8612


 71.8651, 47.4170,
109.3359

 1.0310, 0.0000,
3.2983

 94.2577, 64.9457,
140.0740

 0.0000, 0.0000,
1.2489

 120.8766, 86.3358,
176.0925

 0.0000, 0.0000,
0.0194

 152.0873,

 0.0000, 0.0000,

111.9718, 217.8098

0.0000

188.2550,
142.2380, 265.6445

17.2514, 8.2292,
30.8161

17.2514, 8.2292,
30.8161

17.2515, 8.2293,
30.8162

17.5847, 8.6612,
30.8820

18.0484, 9.3525,
30.9910

18.7024, 10.4224,
31.1631

19.5705, 11.9187,
31.4061

20.6731, 13.8822,
31.7270

■ 22.0283, 16.3488,
32.1317

■ 23.6522, 19.3510,
32.6256

■ 25.5597, 22.9186,
33.2137

■ 27.7646, 27.0791,
33.9005

Harmonies

Analogous

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



12.1893, 8.2292, 53.8677



17.2514, 8.2292, 30.8161



19.8127, 8.2292, 10.7955

Triad

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



17.2514, 8.2292, 30.8161



8.4386, 8.2292, 0.0000



2.3807, 8.2292, 24.5059

Complementary

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



17.2514, 8.2292, 30.8161



11.5041, 22.8407, 3.8027

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.



2.0201, 8.2292, 7.3457



17.2514, 8.2292, 30.8161



4.6461, 8.2292, 0.0000

Square

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



17.2514, 8.2292, 30.8161



13.6439, 8.2292, 0.0000



2.6634, 8.2292, 1.0577



3.9481, 8.2292, 48.3709

Rectangle

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



17.2514, 8.2292, 30.8161



19.2455, 8.2292, 3.7754



2.6634, 8.2292, 1.0577



2.1477, 8.2292, 17.5134

Sweetspot

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



17.2518, 8.2296, 30.8163



42.1698, 34.3050, 58.3709



5.8607, 2.5216, 30.3149



9.0538, 7.0970, 12.8102



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.



17.2518, 8.2296, 30.8163



30.8399, 14.7090, 55.1857



14.8453, 7.4559, 9.6104



6.4253, 6.3051, 7.8073



14.2679, 6.8064, 25.4695



0.2227, 0.1066, 0.3812

Inverse Universe

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



13.1864, 6.7923, 0.8748



23.5912, 12.1543, 1.4409



12.3838, 23.1796, 9.0231



6.2228, 6.2283, 6.5534



10.9026, 5.6153, 0.7461



0.1664, 0.0853, 0.0292

Previews

White Background



This preview shows how the XYZ color 17.2514, 8.2292, 30.8161 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

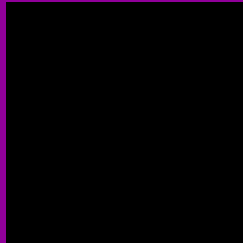
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2514, 8.2292, 30.8161

Background



This preview shows how black text looks on a background with the XYZ color 17.2514, 8.2292, 30.8161.



This preview shows how white text looks on a background with the XYZ color 17.2514, 8.2292,

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

17.2514, 8.2292, 30.8161

Protanopia

10.2931, 8.8251, 39.6890

Deuteranopia

9.0819, 8.9227, 27.6291



Tritanopia

12.3728, 8.6702, 5.8719

Trichromacy



Original Color

17.2514, 8.2292, 30.8161



Protanomaly

9.3450, 5.8664, 35.7617



Deuteranomaly

9.6462, 6.3227, 28.3158



Tritanomaly

13.2857, 7.6340, 11.8396

Monochromacy



Original Color

17.2514, 8.2292, 30.8161



Achromatopsia

4.4355, 4.6665, 5.0818



Achromatomaly

7.0603, 4.4833, 11.0829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2514, 8.2292, 30.8161 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, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(144, 0, 153)  
}
```

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, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 0, 153) }
```

Border

The CSS property to change the border of an element to XYZ 17.2514, 8.2292, 30.8161 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, 0, 153) }
```


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

```
.border{ border-color:rgb(144, 0, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(144, 0,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2514, 8.2292, 30.8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 0, 153) }
```

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

```
.background{ background-color: rgb(144, 0,  
153) }
```

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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