

Converting Colors

XYZ(17.2832, 7.5077, 64.1565)

Have a look what the booklet for
XYZ(17.2832, 7.5077, 64.1565)
contains.

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Color

**XYZ(17.2832, 7.5077,
64.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	6300D6
RGB	99, 0, 214
RGB Percent	39%, 0%, 84%
CMY	0.6117, 1.0000, 0.1608
CMYK	0.54, 1.00, 0.00, 0.16
HSL	268°, 100%, 42%
HSV	268°, 100%, 84%
XYZ	17.2832, 7.5077, 64.1565
YIQ	53.9970, -9.6900, 87.5420

Conversions

Conversions Part 2

Format	Color
R_{YB}	99, 0, 214
Decimal	6488278
CIE _{Lab}	32.94, 72.34, -83.30
CIE _{LCh}	33, 110.324, 310.972
Yxy	7.5077, 0.1943, 0.0844
Android (android.graphics.Color)	4284678358 (0xFF6300D6)
YUV	53.9970, 78.8815, 39.4676
Hunter-Lab	27.4002, 64.6420, -119.6452

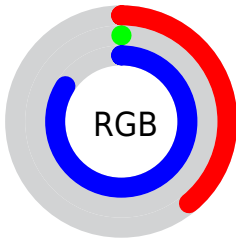
Details

The XYZ color **17.2832, 7.5077, 64.1565** is a dark color, and the websafe version is hex **6600CC**.

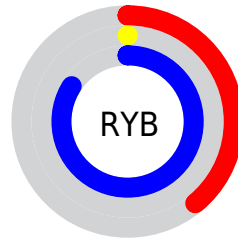
The color can be described as dark washed purple. A complement of this color would be **31.1162, 51.7378, 8.3464**, and the grayscale version is **3.4133, 3.5910, 3.9106**.

A 20% lighter version of the original color is **35.3991, 19.7989, 96.5636**, and **6.3527, 2.5620, 32.5074** is the 20% darker color. If you saturate the color by 10%, you get **17.2838, 7.5080, 64.1568**, and if you desaturate by 10%, it is **18.9066, 8.7537, 64.3117**.

Distribution



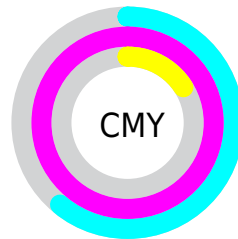
- Red (39%)
- Green (0%)
- Blue (84%)



- Red (39%)
- Yellow (0%)
- Blue (84%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2832, 7.5077, 64.1565 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 17.2832, 7.5077, 64.1565 by changing the saturation by 10% instead.

■ 17.2832, 7.5077,
64.1565

■ 17.2832, 7.5077,
64.1565

229.9237,
171.8181, 457.9775

■ 10.5332, 3.7816,
46.3304

■ 38.3518, 20.9875,
112.4379

■ 5.8188, 1.5522,
32.1561

■ 53.4011, 31.5100,
143.7304

■ 2.7748, 0.3250,
21.2150

■ 71.9475, 45.0668,
180.3487

■ 1.0358, 0.0000,
13.0885

■ 94.3563, 62.0421,
222.7115

■ 0.0000, 0.0000,
7.3580

■ 120.9930, 82.8206,
271.2372


■ 0.0000, 0.0000,
3.6052


■ 152.2229,

■ 0.0000, 0.0000,


107.7864, 326.3444

1.4113


 188.4114,
137.3241, 388.4517

 0.0000, 0.0000,
0.1505


 0.0000, 0.0000,
0.0000


 17.2832, 7.5077,
64.1565


 17.2832, 7.5077,
64.1565

 17.2838, 7.5080,
64.1568

 18.9066, 8.7537,
64.3117

 21.0209, 10.7062,
64.5771

 23.7350, 13.5721,
64.9872

 27.1113, 17.4670,
65.5611

■ 31.2032, 22.4887,
66.3147

■ 36.0581, 28.7231,
67.2622

■ 41.7188, 36.2477,
68.4162

■ 48.2246, 45.1331,
69.7884

■ 55.6122, 55.4450,
71.3894

Harmonies

Analogous

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



9.4861, 7.5077, 97.3597



17.2832, 7.5077, 64.1565



23.8175, 7.5077, 23.7201

Triad

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



17.2832, 7.5077, 64.1565



11.4443, 7.5077, 0.0000



0.8216, 7.5077, 15.9228

Complementary

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



17.2832, 7.5077, 64.1565



31.1162, 51.7378, 8.3464

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.



0.9220, 7.5077, 1.5434



17.2832, 7.5077, 64.1565



5.2099, 7.5077, 0.0000

Square

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



17.2832, 7.5077, 64.1565



19.3680, 7.5077, 0.0000



2.0241, 7.5077, 0.0000



1.5809, 7.5077, 52.3799

Rectangle

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



17.2832, 7.5077, 64.1565



25.2065, 7.5077, 7.6427



2.0241, 7.5077, 0.0000



0.7728, 7.5077, 8.7307

Sweetspot

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



17.2838, 7.5080, 64.1568



61.7702, 53.5400, 101.6864



18.5808, 17.7414, 66.0636



12.4253, 10.3936, 21.6012



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.



17.2838, 7.5080, 64.1568



25.5177, 11.0697, 95.3995



36.8481, 17.5938, 65.0724



12.2832, 12.2874, 15.6618



10.5644, 4.5986, 38.7840



0.7321, 0.3263, 2.3437

Inverse Universe

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



30.8258, 15.5339, 17.5917



45.7572, 23.0669, 25.7174



24.1807, 48.1624, 8.0218



12.6995, 12.5313, 14.3576



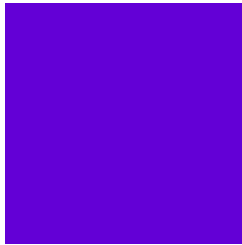
18.6853, 9.4104, 10.9127



1.1686, 0.5842, 0.8773

Previews

White Background



This preview shows how the XYZ color 17.2832, 7.5077, 64.1565 looks on a white background.

Color Contrast Check

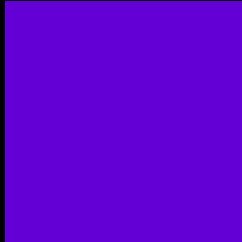
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the XYZ color 17.2832, 7.5077, 64.1565 looks on a 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 17.2832, 7.5077, 64.1565

Background



This preview shows how black text looks on a background with the XYZ color 17.2832, 7.5077, 64.1565.



This preview shows how white text looks on a background with the XYZ color 17.2832, 7.5077,

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

17.2832, 7.5077, 64.1565

Protanopia

9.0869, 7.8810, 34.7605

Deuteranopia

7.5327, 7.8407, 24.7833



Tritanopia

6.7424, 7.8545, 10.8336

Trichromacy



Original Color

17.2832, 7.5077, 64.1565

Protanomaly

10.0641, 5.8670, 43.7820

Deuteranomaly

8.7471, 5.5477, 36.2071

Tritanomaly

8.4703, 5.7513, 23.5854

Monochromacy



Original Color

17.2832, 7.5077, 64.1565

Achromatopsia

3.5063, 3.6889, 4.0173

Achromatomaly

6.0224, 3.6160, 15.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2832, 7.5077, 64.1565 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(99, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 214)  
}
```

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(99, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 214) }
```

Border

The CSS property to change the border of an element to XYZ 17.2832, 7.5077, 64.1565 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(99, 0, 214) }
```


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

```
.border{ border-color:rgb(99, 0, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(99, 0, 214)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.2832, 7.5077, 64.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 214) }
```

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

```
.background{ background-color: rgb(99, 0,  
214) }
```

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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