

Converting Colors

XYZ(17.2941, 7.5845, 60.9393)

Have a look what the booklet for
XYZ(17.2941, 7.5845, 60.9393)
contains.

XYZ(17.3343, 7.6067, 60.8762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.3343, 7.6067,
60.8762)**

Conversions

Conversions Part 1

Format	Color
Hex	6900D1
RGB	105, 0, 209
RGB Percent	41%, 0%, 82%
CMY	0.5882, 1.0000, 0.1804
CMYK	0.50, 1.00, 0.00, 0.18
HSL	270°, 100%, 41%
HSV	270°, 100%, 82%
XYZ	17.3343, 7.6067, 60.8762
YIQ	55.2210, -4.5090, 87.2590

Conversions

Conversions Part 2

Format	Color
R_{YB}	105, 0, 209
Decimal	6881489
CIE _{Lab}	33.15, 71.69, -80.02
CIE _{LCh}	33, 107.441, 311.858
Yxy	7.6067, 0.2020, 0.0886
Android (android.graphics.Color)	4285071569 (0xFF6900D1)
YUV	55.2210, 75.8130, 43.6562
Hunter-Lab	27.5802, 63.9226, -111.5610

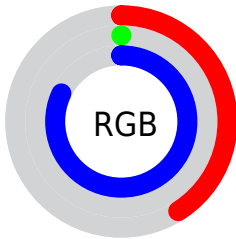
Details

The XYZ color **17.3343, 7.6067, 60.8762** is a dark color, and the websafe version is hex **6600CC**.

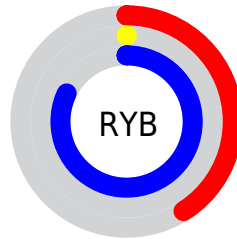
The color can be described as dark washed purple. A complement of this color would be **28.5090, 48.5439, 7.8673**, and the grayscale version is **3.5674, 3.7532, 4.0873**.

A 20% lighter version of the original color is **36.2920, 20.3591, 96.6247**, and **6.3770, 2.6232, 30.3072** is the 20% darker color. If you saturate the color by 10%, you get **17.3349, 7.6070, 60.8764**, and if you desaturate by 10%, it is **18.8985, 8.8084, 61.0259**.

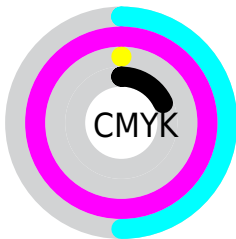
Distribution



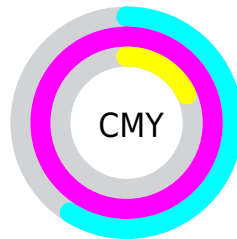
- Red (41%)
- Green (0%)
- Blue (82%)



- Red (41%)
- Yellow (0%)
- Blue (82%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3343, 7.6067, 60.8762 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 17.3343, 7.6067, 60.8762 by changing the saturation by 10% instead.

 17.3343, 7.6067,
60.8762


 17.3343, 7.6067,
60.8762


230.2104,
172.6138, 445.7139


 10.5699, 3.8443,
43.6954


 38.4387, 21.1837,
107.6554

 5.8436, 1.5869,
30.0956


 53.5094, 31.7672,
138.0909


 2.7899, 0.3487,
19.6585


 72.0796, 45.3931,
173.7817

 1.0437, 0.0000,
11.9655

 94.5147, 62.4459,
215.1463

 0.0000, 0.0000,
6.5979

 121.1799, 83.3100,
262.6033


 0.0000, 0.0000,
3.1373


 152.4407,

 0.0000, 0.0000,

108.3697, 316.5712

1.1652


 188.6625,
138.0096, 377.4686


 0.0000, 0.0000,
0.0000


 17.3343, 7.6067,
60.8762


 17.3343, 7.6067,
60.8762


 17.3349, 7.6070,
60.8764

 18.8985, 8.8084,
61.0259

 20.9048, 10.6660,
61.2787

 23.4560, 13.3766,
61.6675

 26.6096, 17.0486,
62.2100

 30.4146, 21.7734,
62.9215

■ 34.9145, 27.6316,
63.8150

■ 40.1485, 34.6954,
64.9026

■ 46.1527, 43.0313,
66.1952

■ 52.9607, 52.7003,
67.7027

Harmonies

Analogous

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



9.7341, 7.6067, 93.1901



17.3343, 7.6067, 60.8762



23.5300, 7.6067, 22.4732

Triad

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



17.3343, 7.6067, 60.8762



11.2243, 7.6067, 0.0000



0.9238, 7.6067, 16.5891

Complementary

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



17.3343, 7.6067, 60.8762



28.5090, 48.5439, 7.8673

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.



1.0053, 7.6067, 1.8362



17.3343, 7.6067, 60.8762



5.1969, 7.6067, 0.0000

Square

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



17.3343, 7.6067, 60.8762



18.9068, 7.6067, 0.0000



2.0936, 7.6067, 0.0000



1.7422, 7.6067, 52.1047

Rectangle

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



17.3343, 7.6067, 60.8762



24.7383, 7.6067, 7.3022



2.0936, 7.6067, 0.0000



0.8670, 7.6067, 9.3466

Sweetspot

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



17.3349, 7.6070, 60.8764



62.6659, 54.0018, 101.7283



16.5095, 14.6051, 62.2707



12.6366, 10.5026, 21.6111



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.



17.3349, 7.6070, 60.8764



26.9695, 11.8182, 95.4674



37.8032, 18.1588, 61.8343



11.7216, 11.7053, 14.8852



10.8020, 4.7489, 37.5398



0.6955, 0.3127, 2.1033

Inverse Universe

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



28.7931, 14.5547, 14.3873



45.0632, 22.7893, 22.0629



22.8005, 45.6011, 7.6002



12.0505, 11.9049, 13.5418



17.8026, 8.9939, 9.1327



1.0355, 0.5189, 0.7216

Previews

White Background



This preview shows how the XYZ color 17.3343, 7.6067, 60.8762 looks on a white background.

Color Contrast Check

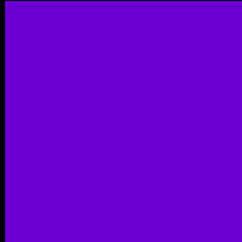
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3343, 7.6067, 60.8762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

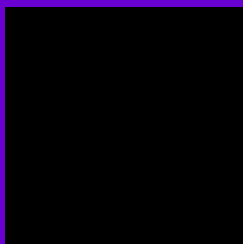
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3343, 7.6067, 60.8762

Background



This preview shows how black text looks on a background with the XYZ color 17.3343, 7.6067, 60.8762.



This preview shows how white text looks on a background with the XYZ color 17.3343, 7.6067,

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

17.3343, 7.6067, 60.8762

Protanopia

9.1755, 7.9164, 35.2268

Deuteranopia

7.6775, 7.8987, 25.5460



Tritanopia

7.3024, 7.9290, 10.3781

Trichromacy



Original Color

17.3343, 7.6067, 60.8762

Protanomaly

10.0343, 5.8634, 43.2507

Deuteranomaly

8.7282, 5.5484, 35.7329

Tritanomaly

8.9601, 5.9609, 22.5081

Monochromacy



Original Color

17.3343, 7.6067, 60.8762

Achromatopsia

3.6313, 3.8204, 4.1605

Achromatomaly

6.2179, 3.7662, 15.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3343, 7.6067, 60.8762 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(105, 0, 209)` looks like.

```
.text, #text, p{  
    color:rgb(105, 0, 209)  
}
```

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(105, 0, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 0, 209) }
```

Border

The CSS property to change the border of an element to XYZ 17.3343, 7.6067, 60.8762 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(105, 0, 209) }
```


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

```
.border{ border-color:rgb(105, 0, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 0, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 0, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 0, 209);  
box-shadow:4px 4px 4px 4px rgb(105, 0,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3343, 7.6067, 60.8762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 0, 209) }
```

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

```
.background{ background-color: rgb(105, 0,  
209) }
```

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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