

Converting Colors

XYZ(17.1545, 10.3325, 33.6095)

Have a look what the booklet for
XYZ(17.1545, 10.3325, 33.6095)
contains.

XYZ(17.1504, 10.3004, 33.4320)	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(17.1504, 10.3004,
33.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	84399E
RGB	132, 57, 158
RGB Percent	52%, 22%, 62%
CMY	0.4823, 0.7765, 0.3804
CMYK	0.16, 0.64, 0.00, 0.38
HSL	285°, 47%, 42%
HSV	285°, 64%, 62%
XYZ	17.1504, 10.3004, 33.4320
YIQ	90.9390, 12.2790, 47.3110

Conversions

Conversions Part 2

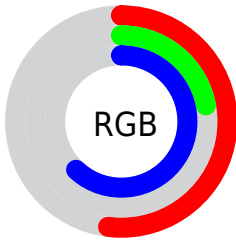
Format	Color
R _Y B	132, 57, 158
Decimal	8665502
CIE Lab	38.38, 48.16, -41.17
CIE LCh	38, 63.362, 319.472
Yxy	10.3004, 0.2817, 0.1692
Android (android.graphics.Color)	4286855582 (0xFF84399E)
YUV	90.9390, 33.0611, 36.0105
Hunter-Lab	32.0942, 39.2213, -39.2954

Details

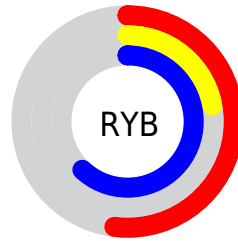
The XYZ color **17.1504, 10.3004, 33.4320** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **16.5329, 26.5883, 8.1319**, and the grayscale version is **9.8559, 10.3692, 11.2920**.

A 20% lighter version of the original color is **38.2179, 26.4327, 66.0385**, and **5.8260, 2.7029, 13.8503** is the 20% darker color. If you saturate the color by 10%, you get **15.8638, 8.6527, 33.1819**, and if you desaturate by 10%, it is **18.7057, 12.4478, 33.7647**.

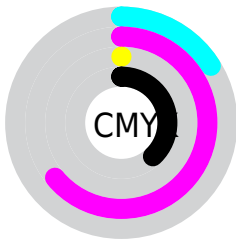
Distribution



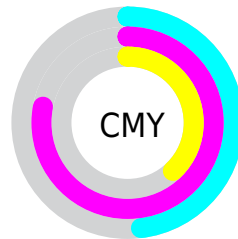
- Red (52%)
- Green (22%)
- Blue (62%)



- Red (52%)
- Yellow (22%)
- Blue (62%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (38%)



- Cyan (48%)
- Magenta (78%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1504, 10.3004, 33.4320 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 17.1504, 10.3004, 33.4320 by changing the saturation by 10% instead.

■ 17.1504, 10.3004,
33.4320

■ 17.1504, 10.3004,
33.4320

229.1770,
192.8028, 332.2834

■ 10.4377, 5.5986,
22.1838

■ 38.1257, 26.3590,
66.1732

■ 5.7546, 2.6026,
13.7924

■ 53.1191, 38.4846,
88.5032

■ 2.7357, 0.9280,
7.8393

■ 71.6035, 53.8536,
115.3642

■ 1.0156, 0.0000,
3.9060

■ 93.9441, 72.8503,
147.1748

■ 0.0000, 0.0000,
1.5739

■ 120.5064, 95.8592,
184.3534

■ 0.0000, 0.0000,
0.2721

■ 151.6558,

■ 0.0000, 0.0000,

123.2646, 227.3187

0.0000

187.7575,
155.4511, 276.4892

■ 17.1504, 10.3004,
33.4320

■ 17.1504, 10.3004,
33.4320

■ 15.8638, 8.6527,
33.1819

■ 18.7057, 12.4478,
33.7647

■ 14.8209, 7.4564,
33.0060

■ 20.5492, 15.1347,
34.1862

■ 13.9938, 6.6559,
32.8951

■ 22.6997, 18.3982,
34.7027

■ 13.5519, 6.2733,
32.8445

■ 25.1742, 22.2716,
35.3199

■ 27.9884, 26.7858,
36.0430

■ 31.1567, 31.9696,
36.8765

■ 34.6928, 37.8499,
37.8252

■ 38.6098, 44.4521,
38.8931

■ 42.9197, 51.8006,
40.0843

Harmonies

Analogous

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



12.6827, 10.3004, 49.2171



17.1504, 10.3004, 33.4320



19.8553, 10.3004, 15.9046

Triad

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



17.1504, 10.3004, 33.4320



11.3139, 10.3004, 0.2706



4.0502, 10.3004, 20.6315

Complementary

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



17.1504, 10.3004, 33.4320



16.5329, 26.5883, 8.1319

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.



3.8749, 10.3004, 7.5524



17.1504, 10.3004, 33.4320



7.3748, 10.3004, 0.4494

Square

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



17.1504, 10.3004, 33.4320



15.9093, 10.3004, 1.2898



4.9103, 10.3004, 1.9782



5.4839, 10.3004, 38.8989

Rectangle

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



17.1504, 10.3004, 33.4320



19.8961, 10.3004, 7.8741



4.9103, 10.3004, 1.9782



3.8612, 10.3004, 15.3891

Sweetspot

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



17.1508, 10.3008, 33.4322



47.9639, 44.0284, 64.7138



11.0244, 9.6692, 33.6332



10.5083, 9.4388, 14.5117



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1508, 10.3008, 33.4322



27.8885, 14.6216, 60.0958



19.8973, 11.9290, 23.9672



6.7374, 6.6686, 8.3388



10.8915, 5.0438, 26.3067



0.2312, 0.1090, 0.4721

Inverse Universe

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



17.1253, 10.8202, 9.3698



28.4235, 15.9865, 10.9176



15.3835, 25.9114, 11.8907



6.6997, 6.6728, 7.2695



11.6233, 5.9539, 2.2671



0.2235, 0.1127, 0.1231

Previews

White Background



This preview shows how the XYZ color 17.1504, 10.3004, 33.4320 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



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 17.1504, 10.3004, 33.4320

Background



This preview shows how black text looks on a background with the XYZ color 17.1504, 10.3004, 33.4320.



This preview shows how white text looks on a background with the XYZ color 17.1504, 10.3004,

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

17.1504, 10.3004, 33.4320

Protanopia

12.4594, 10.5673, 48.3967

Deuteranopia

10.8100, 10.5994, 31.1819



Tritanopia

12.3208, 10.3128, 9.9355

Trichromacy



Original Color

17.1504, 10.3004, 33.4320



Protanomaly

11.7093, 9.0707, 42.2080



Deuteranomaly

11.9370, 9.6305, 31.8016



Tritanomaly

13.6353, 10.0363, 16.5478

Monochromacy



Original Color

17.1504, 10.3004, 33.4320



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

11.8344, 9.8939, 17.5056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1504, 10.3004, 33.4320 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(132, 57, 158)` looks like.

```
.text, #text, p{  
    color:rgb(132, 57, 158)  
}
```

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(132, 57, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 57, 158) }
```

Border

The CSS property to change the border of an element to XYZ 17.1504, 10.3004, 33.4320 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(132, 57, 158) }
```


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

```
.border{ border-color:rgb(132, 57, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 57, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 57, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 57, 158);  
box-shadow:4px 4px 4px 4px rgb(132, 57,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1504, 10.3004, 33.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 57, 158) }
```

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

```
.background{ background-color: rgb(132, 57,  
158) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor