

Converting Colors

XYZ(17.3600, 16.3338, 21.3400)

Have a look what the booklet for
XYZ(17.3600, 16.3338, 21.3400)
contains.

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Color

**XYZ(17.3532, 16.3306,
21.3063)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6B7C
RGB	125, 107, 124
RGB Percent	49%, 42%, 49%
CMY	0.5098, 0.5804, 0.5137
CMYK	0.00, 0.14, 0.01, 0.51
HSL	303°, 8%, 45%
HSV	303°, 14%, 49%
XYZ	17.3532, 16.3306, 21.3063
YIQ	114.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

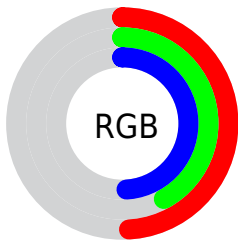
Format	Color
R_{YB}	125, 107, 124
Decimal	8219516
CIE Lab	47.41, 10.35, -6.79
CIE LCh	47, 12.382, 326.727
Yxy	16.3306, 0.3156, 0.2970
Android (android.graphics.Color)	4286409596 (0xFF7D6B7C)
YUV	114.3200, 4.7722, 9.3664
Hunter-Lab	40.4111, 5.9313, -2.9722

Details

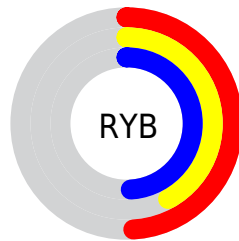
The XYZ color **17.3532, 16.3306, 21.3063** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.1044, 18.8761, 16.9828**, and the grayscale version is **16.0757, 16.9129, 18.4181**.

A 20% lighter version of the original color is **38.5228, 37.0930, 46.7243**, and **5.8663, 5.2762, 7.3658** is the 20% darker color. If you saturate the color by 10%, you get **16.0995, 13.8929, 20.6727**, and if you desaturate by 10%, it is **18.7966, 19.1466, 22.0051**.

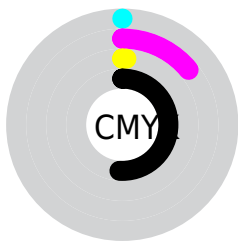
Distribution



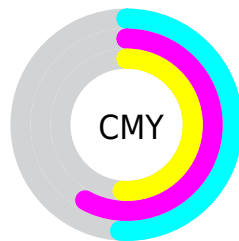
- Red (49%)
- Green (42%)
- Blue (49%)



- Red (49%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3532, 16.3306, 21.3063 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 17.3532, 16.3306, 21.3063 by changing the saturation by 10% instead.

■ 17.3532, 16.3306,
21.3063

■ 17.3532, 16.3306,
21.3063

230.3164,
231.2847, 271.7362

■ 10.5835, 9.7584,
13.1547

■ 38.4708, 37.1712,
46.4841

■ 5.8527, 5.2391,
7.4032

■ 53.5495, 52.2084,
64.3474

■ 2.7955, 2.3882,
3.6332

■ 72.1285, 70.8360,
86.2850

■ 1.0466, 0.8198,
1.4264

■ 94.5732, 93.4385,
112.7154

■ 0.0000, 0.0000,
0.1622

121.2490,
120.4002, 144.0572

■ 0.0000, 0.0000,
0.0000

152.5212,

152.1055, 180.7289

188.7553,
188.9389, 223.1490

■ 17.3532, 16.3306,
21.3063

■ 17.3532, 16.3306,
21.3063

■ 16.0995, 13.8929,
20.6727

■ 18.7966, 19.1466,
22.0051

■ 15.0259, 11.8154,
20.1004

■ 20.4358, 22.3541,
22.7704

■ 14.1245, 10.0815,
19.5871

■ 22.2785, 25.9679,
23.6052

■ 13.3857, 8.6725,
19.1295

■ 24.3314, 30.0016,
24.5115

■ 12.7994, 7.5680,
18.7242

■ 26.6010, 34.4683,
25.4916

■ 12.3542, 6.7452,
18.3675

■ 29.0935, 39.3802,
26.5475

■ 12.0372, 6.1782,
18.0550

■ 31.8148, 44.7494,
27.6813

■ 11.8301, 5.8307,
17.7806

■ 34.7707, 50.5872,
28.8948

■ 11.7309, 5.6694,
17.6332

■ 37.9667, 56.9047,
30.1899

Harmonies

Analogous

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



16.4900, 16.3306, 23.7420



17.3532, 16.3306, 21.3063



17.7247, 16.3306, 18.1285

Triad

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



17.3532, 16.3306, 21.3063



15.6425, 16.3306, 12.4056



13.7127, 16.3306, 20.6392

Complementary

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



17.3532, 16.3306, 21.3063



16.1044, 18.8761, 16.9828

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.



13.5094, 16.3306, 17.4385



17.3532, 16.3306, 21.3063



14.5922, 16.3306, 12.9124

Square

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



17.3532, 16.3306, 21.3063



16.7082, 16.3306, 13.1931



13.8239, 16.3306, 14.6682



14.3928, 16.3306, 23.3261

Rectangle

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



17.3532, 16.3306, 21.3063



17.6311, 16.3306, 16.0984



13.8239, 16.3306, 14.6682



13.5877, 16.3306, 19.5774

Sweetspot

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



17.3537, 16.3313, 21.3067



33.7431, 34.4493, 39.4449



15.1323, 15.1788, 21.5345



7.6346, 7.7565, 8.9529



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



17.3537, 16.3313, 21.3067



30.3643, 27.8596, 37.8007



16.8159, 16.1162, 18.4749



4.4882, 4.4084, 5.3752



12.2426, 5.9167, 18.3991



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3537, 16.3313, 21.3067



30.3643, 27.8596, 37.8007



16.6026, 19.0754, 19.6062



4.4882, 4.4084, 5.3752



12.2426, 5.9167, 18.3991



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3532, 16.3306, 21.3063 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 17.3532, 16.3306, 21.3063 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 17.3532, 16.3306, 21.3063

Background



This preview shows how black text looks on a background with the XYZ color 17.3532, 16.3306, 21.3063.



This preview shows how white text looks on a background with the XYZ color 17.3532, 16.3306,

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

17.3532, 16.3306, 21.3063

Protanopia

16.0553, 16.4356, 22.4049

Deuteranopia

16.5779, 16.2441, 21.3304



Tritanopia

16.8856, 16.2946, 19.0848

Trichromacy



Original Color

17.3532, 16.3306, 21.3063

Protanomaly

16.4121, 16.3031, 22.0205

Deuteranomaly

16.8858, 16.2453, 21.3145

Tritanomaly

17.0649, 16.3663, 20.0289

Monochromacy



Original Color

17.3532, 16.3306, 21.3063

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.4257, 16.5284, 19.4641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3532, 16.3306, 21.3063 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(125, 107, 124)` looks like.

```
.text, #text, p{  
    color:rgb(125, 107, 124)  
}
```

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(125, 107, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 107, 124) }
```

Border

The CSS property to change the border of an element to XYZ 17.3532, 16.3306, 21.3063 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(125, 107, 124) }
```


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

```
.border{ border-color:rgb(125, 107, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 107, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 107, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 107, 124);  
box-shadow:4px 4px 4px 4px rgb(125, 107,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3532, 16.3306, 21.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 107, 124) }
```

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

```
.background{ background-color: rgb(125,  
107, 124) }
```

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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