

Converting Colors

XYZ(17.8502, 16.5329, 25.1968)

Have a look what the booklet for
XYZ(17.8502, 16.5329, 25.1968)
contains.

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Color

**XYZ(17.7992, 16.4756,
25.1637)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6B87
RGB	123, 107, 135
RGB Percent	48%, 42%, 53%
CMY	0.5176, 0.5804, 0.4706
CMYK	0.09, 0.21, 0.00, 0.47
HSL	274°, 12%, 47%
HSV	274°, 21%, 53%
XYZ	17.7992, 16.4756, 25.1637
YIQ	114.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

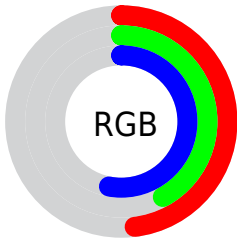
Format	Color
R_{YB}	123, 107, 135
Decimal	8088455
CIE _{Lab}	47.59, 11.96, -13.09
CIE _{LCh}	48, 17.730, 312.399
Yxy	16.4756, 0.2995, 0.2772
Android (android.graphics.Color)	4286278535 (0xFF7B6B87)
YUV	114.9760, 9.8718, 7.0370
Hunter-Lab	40.5901, 7.2413, -8.3435

Details

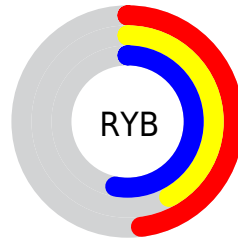
The XYZ color **17.7992, 16.4756, 25.1637** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.9262, 22.3119, 17.2198**, and the grayscale version is **16.2597, 17.1065, 18.6290**.

A 20% lighter version of the original color is **39.2085, 37.3147, 52.7129**, and **6.0796, 5.3434, 9.3053** is the 20% darker color. If you saturate the color by 10%, you get **15.6968, 13.4633, 24.6933**, and if you desaturate by 10%, it is **20.1713, 19.9540, 25.7103**.

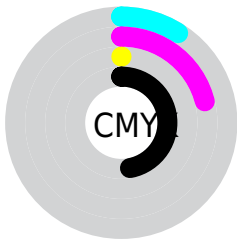
Distribution



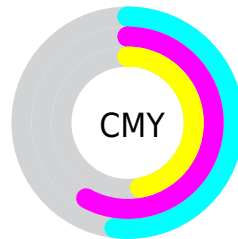
- Red (48%)
- Green (42%)
- Blue (53%)



- Red (48%)
- Yellow (42%)
- Blue (53%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (52%)
- Magenta (58%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7992, 16.4756, 25.1637 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 17.7992, 16.4756, 25.1637 by changing the saturation by 10% instead.

■ 17.7992, 16.4756,
25.1637

■ 17.7992, 16.4756,
25.1637

232.8043,
232.1320, 292.1259

■ 10.9047, 9.8613,
15.9789

■ 39.2276, 37.4219,
52.8901

■ 6.0696, 5.3071,
9.3550

■ 54.4923, 52.5228,
72.2688

■ 2.9285, 2.4286,
4.8735

■ 73.2778, 71.2212,
95.8825

■ 1.1161, 0.8405,
2.1158

■ 95.9494, 93.9017,
124.1498

■ 0.0385, 0.0000,
0.6252

122.8725,
120.9487, 157.4893

■ 0.0000, 0.0000,
0.0000

154.4125,

152.7464, 196.3195

190.9346,
189.6794, 241.0588

■ 17.7992, 16.4756,
25.1637

■ 17.7992, 16.4756,
25.1637

■ 15.6968, 13.4633,
24.6933

■ 20.1713, 19.9540,
25.7103

■ 13.8517, 10.8944,
24.2947

■ 22.8219, 23.9159,
26.3354

■ 12.2523, 8.7470,
23.9645

■ 25.7613, 28.3803,
27.0421

■ 10.8860, 6.9968,
23.6987

■ 28.9986, 33.3645,
27.8336

■ 9.7386, 5.6169,
23.4929

■ 32.5429, 38.8851,
28.7123

■ 8.7941, 4.5767,
23.3419

■ 36.4023, 44.9577,
29.6811

■ 8.0339, 3.8408,
23.2399

■ 40.5852, 51.5976,
30.7422

■ 7.4450, 3.3328,
23.1729

■ 45.0992, 58.8192,
31.8982

■ 49.9518, 66.6365,
33.1514

Harmonies

Analogous

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



16.3211, 16.4756, 27.8518



17.7992, 16.4756, 25.1637



18.7383, 16.4756, 20.7014

Triad

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



17.7992, 16.4756, 25.1637



16.5965, 16.4756, 10.8568



12.8753, 16.4756, 19.8734

Complementary

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



17.7992, 16.4756, 25.1637



18.9262, 22.3119, 17.2198

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.



12.9380, 16.4756, 15.4342



17.7992, 16.4756, 25.1637



15.0161, 16.4756, 10.7112

Square

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



17.7992, 16.4756, 25.1637



18.0124, 16.4756, 12.6876



13.6987, 16.4756, 12.2494



13.5211, 16.4756, 24.4703

Rectangle

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



17.7992, 16.4756, 25.1637



18.8960, 16.4756, 17.5773



13.6987, 16.4756, 12.2494



12.8155, 16.4756, 18.3059

Sweetspot

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



17.7997, 16.4763, 25.1641



38.2450, 38.8906, 46.5393



17.0499, 18.1012, 25.5172



8.7978, 8.9181, 10.7640



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.7997, 16.4763, 25.1641



30.0012, 26.8028, 44.6406



19.4927, 17.3641, 24.5632



4.6702, 4.6661, 5.8552



6.8806, 3.0812, 21.3688



0.0322, 0.0150, 0.0744

Inverse Universe

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



18.5798, 16.9989, 19.7556



31.7103, 27.9450, 32.9224



17.4811, 21.5555, 17.6704



4.7493, 4.7194, 5.2920



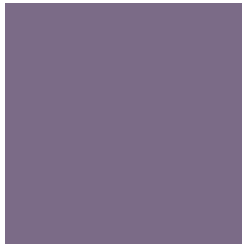
9.9211, 5.0328, 4.1567



0.0379, 0.0189, 0.0330

Previews

White Background



This preview shows how the XYZ color 17.7992, 16.4756, 25.1637 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 17.7992, 16.4756, 25.1637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

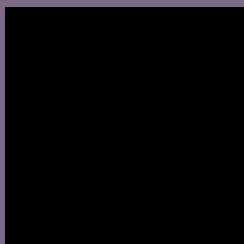
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.7992, 16.4756, 25.1637

Background



This preview shows how black text looks on a background with the XYZ color 17.7992, 16.4756, 25.1637.



This preview shows how white text looks on a background with the XYZ color 17.7992, 16.4756,

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

17.7992, 16.4756, 25.1637

Protanopia

16.4450, 16.5491, 26.3723

Deuteranopia

16.8184, 16.4505, 24.8431



Tritanopia

16.6514, 16.4768, 19.7555

Trichromacy



Original Color

17.7992, 16.4756, 25.1637

Protanomaly

16.9013, 16.4687, 25.9549

Deuteranomaly

17.1078, 16.4404, 24.8259

Tritanomaly

17.0555, 16.4829, 21.6846

Monochromacy



Original Color

17.7992, 16.4756, 25.1637

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.7782, 16.8450, 20.7795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7992, 16.4756, 25.1637 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(123, 107, 135)` looks like.

```
.text, #text, p{  
    color:rgb(123, 107, 135)  
}
```

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(123, 107, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 107, 135) }
```

Border

The CSS property to change the border of an element to XYZ 17.7992, 16.4756, 25.1637 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(123, 107, 135) }
```


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

```
.border{ border-color:rgb(123, 107, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 107, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 107, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 107, 135);  
box-shadow:4px 4px 4px 4px rgb(123, 107,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7992, 16.4756, 25.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 107, 135) }
```

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

```
.background{ background-color: rgb(123,  
107, 135) }
```

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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