

Converting Colors

XYZ(17.6608, 15.1776, 20.6394)

Have a look what the booklet for
XYZ(17.6608, 15.1776, 20.6394)
contains.

XYZ(17.6157, 15.1520, 20.7351)	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(17.6157, 15.1520,
20.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	85627B
RGB	133, 98, 123
RGB Percent	52%, 38%, 48%
CMY	0.4784, 0.6157, 0.5176
CMYK	0.00, 0.26, 0.08, 0.48
HSL	317°, 15%, 45%
HSV	317°, 26%, 52%
XYZ	17.6157, 15.1520, 20.7351
YIQ	111.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

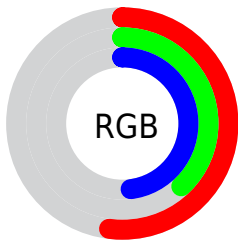
Format	Color
R_{YB}	133, 98, 123
Decimal	8741499
CIE Lab	45.84, 18.51, -8.44
CIE LCh	46, 20.349, 335.489
Yxy	15.1520, 0.3292, 0.2832
Android (android.graphics.Color)	4286931579 (0xFF85627B)
YUV	111.3150, 5.7607, 19.0177
Hunter-Lab	38.9256, 12.6601, -4.3350

Details

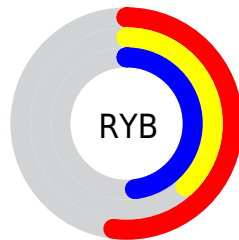
The XYZ color **17.6157, 15.1520, 20.7351** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.1319, 20.4548, 17.2862**, and the grayscale version is **15.1825, 15.9732, 17.3948**.

A 20% lighter version of the original color is **38.9788, 35.1548, 45.2886**, and **5.9871, 4.7011, 7.0704** is the 20% darker color. If you saturate the color by 10%, you get **16.2400, 12.7737, 19.1256**, and if you desaturate by 10%, it is **19.2084, 17.9489, 22.4628**.

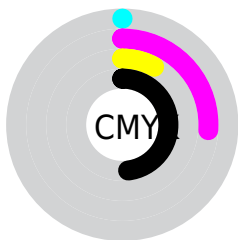
Distribution



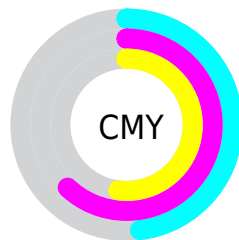
- Red (52%)
- Green (38%)
- Blue (48%)



- Red (52%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (8%)
- Black (48%)



- Cyan (48%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6157, 15.1520, 20.7351 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 17.6157, 15.1520, 20.7351 by changing the saturation by 10% instead.

■ 17.6157, 15.1520,
20.7351

■ 17.6157, 15.1520,
20.7351

231.7836,
224.2844, 268.6020

■ 10.7724, 8.9261,
12.7412

■ 38.9166, 35.1196,
45.5213

■ 5.9802, 4.6930,
7.1219

■ 54.1050, 49.6301,
63.1506

■ 2.8736, 2.0683,
3.4589

■ 72.8058, 67.6710,
84.8289

■ 1.0873, 0.6467,
1.3334

■ 95.3844, 89.6266,
110.9745

■ 0.0144, 0.0000,
0.0890

122.2061,
115.8814, 142.0061

■ 0.0000, 0.0000,
0.0000

153.6363,

146.8197, 178.3422

190.0404,
182.8259, 220.4013

■ 17.6157, 15.1520,
20.7351

■ 17.6157, 15.1520,
20.7351

■ 16.2400, 12.7737,
19.1256

■ 19.2084, 17.9489,
22.4628

■ 15.0695, 10.7916,
17.6294

■ 21.0262, 21.1815,
24.3115

■ 14.0936, 9.1841,
16.2426

■ 23.0787, 24.8684,
26.2850

■ 13.3000, 7.9268,
14.9606

■ 25.3744, 29.0262,
28.3867

■ 12.6748, 6.9925,
13.7782

■ 27.9214, 33.6712,
30.6196

■ 12.2025, 6.3498,
12.6897

■ 30.7273, 38.8185,
32.9868

■ 11.8559, 5.9449,
11.6855

■ 33.7995, 44.4827,
35.4912

■ 11.7384, 5.8128,
11.3293

■ 37.1450, 50.6778,
38.1357

■ 40.7708, 57.4172,
40.9230

Harmonies

Analogous

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



16.4024, 15.1520, 25.4458



17.6157, 15.1520, 20.7351



17.9403, 15.1520, 15.6108

Triad

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



17.6157, 15.1520, 20.7351



14.0883, 15.1520, 8.7687



11.8795, 15.1520, 22.6116

Complementary

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



17.6157, 15.1520, 20.7351



16.1319, 20.4548, 17.2862

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.



11.3617, 15.1520, 17.4181



17.6157, 15.1520, 20.7351



12.5704, 15.1520, 9.9403

Square

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



17.6157, 15.1520, 20.7351



15.8136, 15.1520, 9.3096



11.6042, 15.1520, 12.8813



13.0761, 15.1520, 26.6711

Rectangle

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



17.6157, 15.1520, 20.7351



17.5885, 15.1520, 12.7578



11.6042, 15.1520, 12.8813



11.6248, 15.1520, 20.9057

Sweetspot

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



17.6162, 15.1527, 20.7354



37.0138, 36.7892, 42.9014



14.7762, 13.6126, 24.0392



8.2380, 8.1085, 9.5642



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.6162, 15.1527, 20.7354



29.9227, 24.3190, 35.2599



16.6210, 14.7546, 15.4950



4.8027, 4.7407, 5.5732



11.1845, 5.5382, 10.8100



0.0419, 0.0204, 0.0540

Inverse Universe

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



17.6162, 15.1527, 20.7354



29.9227, 24.3190, 35.2599



17.1534, 20.8634, 22.6652



4.8027, 4.7407, 5.5732



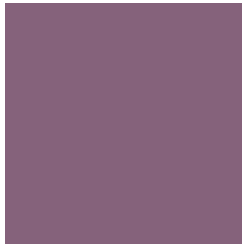
11.1845, 5.5382, 10.8100



0.0419, 0.0204, 0.0540

Previews

White Background



This preview shows how the XYZ color 17.6157, 15.1520, 20.7351 looks on a white background.

Color Contrast Check

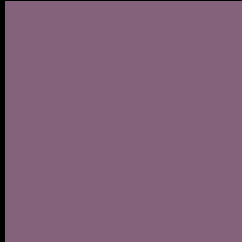
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6157, 15.1520, 20.7351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

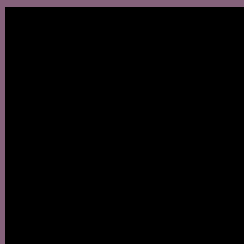
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.6157, 15.1520, 20.7351

Background



This preview shows how black text looks on a background with the XYZ color 17.6157, 15.1520, 20.7351.



This preview shows how white text looks on a background with the XYZ color 17.6157, 15.1520,

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

17.6157, 15.1520, 20.7351

Protanopia

15.0339, 15.2532, 22.9207

Deuteranopia

15.4769, 15.2239, 20.5351



Tritanopia

16.7205, 15.2154, 16.2429

Trichromacy



Original Color

17.6157, 15.1520, 20.7351

Protanomaly

15.8513, 15.0778, 22.1535

Deuteranomaly

16.1088, 15.0987, 20.4777

Tritanomaly

17.0535, 15.2121, 17.6602

Monochromacy



Original Color

17.6157, 15.1520, 20.7351

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.8563, 15.4678, 18.3695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6157, 15.1520, 20.7351 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(133, 98, 123)` looks like.

```
.text, #text, p{  
    color:rgb(133, 98, 123)  
}
```

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(133, 98, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 98, 123) }
```

Border

The CSS property to change the border of an element to XYZ 17.6157, 15.1520, 20.7351 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(133, 98, 123) }
```


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

```
.border{ border-color:rgb(133, 98, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 98, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 98, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 98, 123);  
box-shadow:4px 4px 4px 4px rgb(133, 98,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6157, 15.1520, 20.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 98, 123) }
```

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

```
.background{ background-color: rgb(133, 98,  
123) }
```

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