

Converting Colors

XYZ(19.5667, 16.2057, 25.0187)

Have a look what the booklet for
XYZ(19.5667, 16.2057, 25.0187)
contains.

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Color

**XYZ(19.6502, 16.2484,
25.0222)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6387
RGB	140, 99, 135
RGB Percent	55%, 39%, 53%
CMY	0.4510, 0.6118, 0.4706
CMYK	0.00, 0.29, 0.04, 0.45
HSL	307°, 17%, 47%
HSV	307°, 29%, 55%
XYZ	19.6502, 16.2484, 25.0222
YIQ	115.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

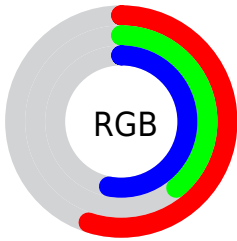
Format	Color
R_{YB}	140, 99, 135
Decimal	9200519
CIE _{Lab}	47.30, 22.81, -13.37
CIE _{LCh}	47, 26.441, 329.628
Yxy	16.2484, 0.3226, 0.2667
Android (android.graphics.Color)	4287390599 (0xFF8C6387)
YUV	115.3630, 9.6810, 21.6066
Hunter-Lab	40.3093, 16.4749, -8.5880

Details

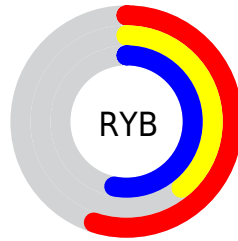
The XYZ color **19.6502, 16.2484, 25.0222** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.0230, 22.4087, 16.5258**, and the grayscale version is **16.3751, 17.2279, 18.7611**.

A 20% lighter version of the original color is **42.2316, 36.9129, 52.4760**, and **6.9433, 5.1474, 9.2219** is the 20% darker color. If you saturate the color by 10%, you get **18.3180, 13.7746, 23.9899**, and if you desaturate by 10%, it is **21.2153, 19.1843, 26.1420**.

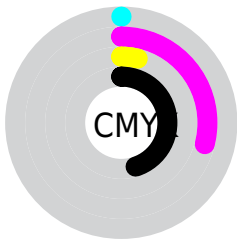
Distribution



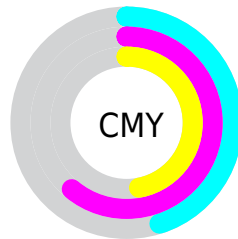
- Red (55%)
- Green (39%)
- Blue (53%)



- Red (55%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6502, 16.2484, 25.0222 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 19.6502, 16.2484, 25.0222 by changing the saturation by 10% instead.

■ 19.6502, 16.2484,
25.0222

■ 19.6502, 16.2484,
25.0222

242.8849,
230.8030, 291.3997

■ 12.2478, 9.7001,
15.8744

■ 42.3384, 37.0289,
52.6578

■ 6.9861, 5.2006,
9.2819

■ 58.3549, 52.0299,
71.9827

■ 3.4996, 2.3654,
4.8262

■ 77.9734, 70.6172,
95.5371

■ 1.4232, 0.8080,
2.0887

■ 101.5594, 93.1753,
123.7394

■ 0.2726, 0.0000,
0.6090

129.4782,
120.0886, 157.0083

■ 0.0000, 0.0000,
0.0000

162.0952,

151.7413, 195.7623

199.7756,
188.5180, 240.4199

■ 19.6502, 16.2484,
25.0222

■ 19.6502, 16.2484,
25.0222

■ 18.3180, 13.7746,
23.9899

■ 21.2153, 19.1843,
26.1420

■ 17.2053, 11.7370,
23.0400

■ 23.0228, 22.6022,
27.3520

■ 16.2997, 10.1105,
22.1686

■ 25.0834, 26.5234,
28.6560

■ 15.5868, 8.8665,
21.3709

■ 27.4070, 30.9673,
30.0573

■ 15.0506, 7.9727,
20.6413

■ 30.0028, 35.9524,
31.5590

■ 14.6723, 7.3917,
19.9737

■ 32.8794, 41.4960,
33.1640

■ 14.4044, 7.0285,
19.3521

■ 36.0452, 47.6149,
34.8752

■ 14.3858, 7.0037,
19.3082

■ 39.5083, 54.3251,
36.6953

■ 43.2763, 61.6420,
38.6269

Harmonies

Analogous

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



17.7713, 16.2484, 31.3884



19.6502, 16.2484, 25.0222



20.3825, 16.2484, 17.7754

Triad

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



19.6502, 16.2484, 25.0222



15.4728, 16.2484, 7.6970



11.8603, 16.2484, 24.8404

Complementary

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



19.6502, 16.2484, 25.0222



17.0230, 22.4087, 16.5258

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.



11.3749, 16.2484, 17.6084



19.6502, 16.2484, 25.0222



13.3286, 16.2484, 8.7030

Square

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



19.6502, 16.2484, 25.0222



17.8268, 16.2484, 8.7551



11.8848, 16.2484, 11.9541



13.2829, 16.2484, 31.2661

Rectangle

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



19.6502, 16.2484, 25.0222



20.0704, 16.2484, 13.7144



11.8848, 16.2484, 11.9541



11.5889, 16.2484, 22.3721

Sweetspot

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



19.6507, 16.2491, 25.0225



40.6219, 39.9092, 48.2433



14.8800, 13.7481, 26.6806



9.2583, 9.0027, 11.0499



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6507, 16.2491, 25.0225



33.0829, 25.7416, 42.9234



18.3559, 15.7312, 18.2040



5.2080, 5.1187, 6.1840



12.7872, 6.2250, 17.1813



0.0884, 0.0427, 0.1322

Inverse Universe

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



19.6507, 16.2491, 25.0225



33.0829, 25.7416, 42.9234



18.1803, 22.8717, 22.6199



5.2080, 5.1187, 6.1840



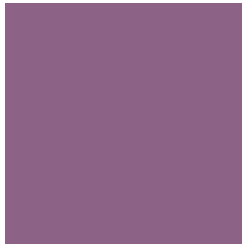
12.7872, 6.2250, 17.1813



0.0884, 0.0427, 0.1322

Previews

White Background



This preview shows how the XYZ color 19.6502, 16.2484, 25.0222 looks on a white background.

Color Contrast Check

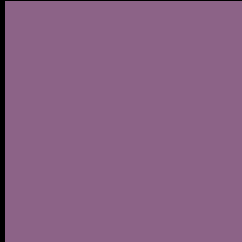
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6502, 16.2484, 25.0222 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 19.6502, 16.2484, 25.0222

Background



This preview shows how black text looks on a background with the XYZ color 19.6502, 16.2484, 25.0222.



This preview shows how white text looks on a background with the XYZ color 19.6502, 16.2484,

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

19.6502, 16.2484, 25.0222

Protanopia

16.4274, 16.3256, 28.6709

Deuteranopia

16.6196, 16.3560, 24.4714



Tritanopia

18.0360, 16.1666, 17.2088

Trichromacy



Original Color

19.6502, 16.2484, 25.0222

Protanomaly

17.4015, 16.2204, 27.4130

Deuteranomaly

17.6255, 16.2403, 24.7600

Tritanomaly

18.6228, 16.2621, 19.9267

Monochromacy



Original Color

19.6502, 16.2484, 25.0222

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.2937, 16.6275, 20.7103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6502, 16.2484, 25.0222 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(140, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(140, 99, 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(140, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 99, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.6502, 16.2484, 25.0222 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(140, 99, 135) }
```


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

```
.border{ border-color:rgb(140, 99, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 99, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 99, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 99, 135); box-shadow:4px 4px 4px 4px rgb(140, 99, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6502, 16.2484, 25.0222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 99, 135) }
```

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

```
.background{ background-color: rgb(140, 99,  
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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