

Converting Colors

XYZ(22.2519, 16.5295, 25.6545)

Have a look what the booklet for
XYZ(22.2519, 16.5295, 25.6545)
contains.

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Color

**XYZ(22.1611, 16.4564,
25.6753)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5B89
RGB	157, 91, 137
RGB Percent	62%, 36%, 54%
CMY	0.3843, 0.6431, 0.4627
CMYK	0.00, 0.42, 0.13, 0.38
HSL	318°, 27%, 49%
HSV	318°, 42%, 62%
XYZ	22.1611, 16.4564, 25.6753
YIQ	115.9780, 24.5700, 28.2980

Conversions

Conversions Part 2

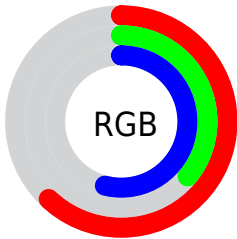
Format	Color
R_{YB}	157, 91, 137
Decimal	10312585
CIE _{Lab}	47.57, 33.74, -13.96
CIE _{LCh}	48, 36.518, 337.523
Yxy	16.4564, 0.3447, 0.2560
Android (android.graphics.Color)	4288502665 (0xFF9D5B89)
YUV	115.9780, 10.3638, 35.9763
Hunter-Lab	40.5665, 26.5216, -9.1292

Details

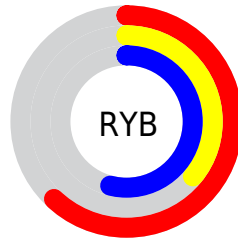
The XYZ color **22.1611, 16.4564, 25.6753** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.2413, 27.4864, 19.3314**, and the grayscale version is **16.5582, 17.4205, 18.9709**.

A 20% lighter version of the original color is **46.5573, 37.5088, 53.5013**, and **8.2572, 5.2871, 9.6021** is the 20% darker color. If you saturate the color by 10%, you get **20.6230, 13.9142, 23.5157**, and if you desaturate by 10%, it is **23.9960, 19.5677, 28.0084**.

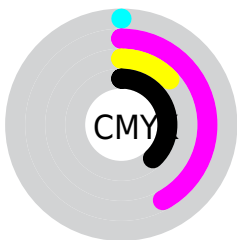
Distribution



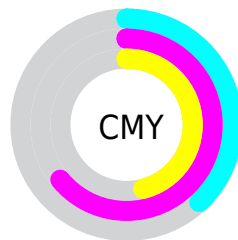
- Red (62%)
- Green (36%)
- Blue (54%)



- Red (62%)
- Yellow (36%)
- Blue (54%)



- Cyan (0%)
- Magenta (42%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1611, 16.4564, 25.6753 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 22.1611, 16.4564, 25.6753 by changing the saturation by 10% instead.

■ 22.1611, 16.4564,
25.6753

■ 22.1611, 16.4564,
25.6753

256.0030,
232.0200, 294.7391

■ 14.0926, 9.8477,
16.3573

■ 46.4890, 37.3887,
53.7283

■ 8.2672, 5.2981,
9.6203

■ 63.4791, 52.4812,
73.3004

■ 4.3197, 2.4232,
5.0456

■ 84.1737, 71.1703,
97.1276

■ 1.8845, 0.8378,
2.2148

■ 108.9383, 93.8405,
125.6284

■ 0.5678, 0.0000,
0.6829

138.1382,
120.8761, 159.2214

■ 0.0000, 0.0000,
0.0000

172.1387,

152.6617, 198.3252

211.3052,
189.5815, 243.3582

■ 22.1611, 16.4564,
25.6753

■ 22.1611, 16.4564,
25.6753

■ 20.6230, 13.9142,
23.5157

■ 23.9960, 19.5677,
28.0084

■ 19.3624, 11.9035,
21.5218

■ 26.1426, 23.2781,
30.5205

■ 18.3600, 10.3856,
19.6863

■ 28.6164, 27.6183,
33.2177

■ 17.5931, 9.3156,
18.0007

■ 31.4316, 32.6162,
36.1057

■ 17.0350, 8.6405,
16.4551

■ 34.6013, 38.2979,
39.1897

■ 16.6879, 8.2814,
15.3063

■ 38.1381, 44.6883,
42.4749

■ 42.0538, 51.8108,
45.9660

■ 46.3599, 59.6879,
49.6677

■ 51.0673, 68.3410,
53.5844

Harmonies

Analogous

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



19.7680, 16.4564, 36.2083



22.1611, 16.4564, 25.6753



22.6968, 16.4564, 15.6742

Triad

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



22.1611, 16.4564, 25.6753



14.8368, 16.4564, 5.3812



11.1870, 16.4564, 31.1910

Complementary

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



22.1611, 16.4564, 25.6753



19.2413, 27.4864, 19.3314

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.



10.2243, 16.4564, 20.3668



22.1611, 16.4564, 25.6753



12.1330, 16.4564, 7.1361

Square

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



22.1611, 16.4564, 25.6753



18.1562, 16.4564, 5.9406



10.5449, 16.4564, 11.9058



13.3701, 16.4564, 40.0870

Rectangle

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



22.1611, 16.4564, 25.6753



21.8689, 16.4564, 10.8506



10.5449, 16.4564, 11.9058



10.7248, 16.4564, 27.5346

Sweetspot

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



22.1616, 16.4572, 25.6756



50.6786, 48.4555, 58.8844



16.3581, 13.2839, 33.6006



10.9420, 10.2934, 12.7327



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.1616, 16.4572, 25.6756



37.2047, 25.3607, 42.5146



20.1552, 15.6546, 15.1102



6.8185, 6.7203, 7.8951



13.5704, 6.7327, 12.5206



0.2604, 0.1275, 0.3174

Inverse Universe

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



22.1616, 16.4572, 25.6756



37.2047, 25.3607, 42.5146



21.3908, 28.3461, 30.6500



6.8185, 6.7203, 7.8951



13.5704, 6.7327, 12.5206



0.2604, 0.1275, 0.3174

Previews

White Background



This preview shows how the XYZ color 22.1611, 16.4564, 25.6753 looks on a white background.

Color Contrast Check

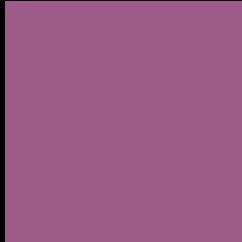
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1611, 16.4564, 25.6753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

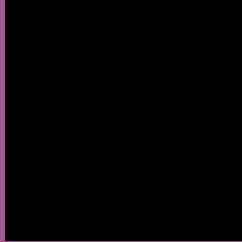
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.1611, 16.4564, 25.6753

Background



This preview shows how black text looks on a background with the XYZ color 22.1611, 16.4564, 25.6753.



This preview shows how white text looks on a background with the XYZ color 22.1611, 16.4564,

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

22.1611, 16.4564, 25.6753

Protanopia

16.9412, 16.6801, 32.0325

Deuteranopia

16.9269, 16.6675, 24.8793



Tritanopia

19.9614, 16.3416, 15.4668

Trichromacy



Original Color

22.1611, 16.4564, 25.6753

Protanomaly

18.2428, 16.1448, 29.7585

Deuteranomaly

18.5294, 16.3957, 25.1098

Tritanomaly

20.6295, 16.3388, 18.8960

Monochromacy



Original Color

22.1611, 16.4564, 25.6753

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.2559, 16.7959, 21.3485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1611, 16.4564, 25.6753 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(157, 91, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 91, 137)  
}
```

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(157, 91, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 137) }
```

Border

The CSS property to change the border of an element to XYZ 22.1611, 16.4564, 25.6753 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(157, 91, 137) }
```


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

```
.border{ border-color:rgb(157, 91, 137) }
```

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

Here you see how a box with a 4 pixel rgb(157, 91, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 137);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1611, 16.4564, 25.6753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 137) }
```

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

```
.background{ background-color: rgb(157, 91,  
137) }
```

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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