

Converting Colors

XYZ(22.0230, 16.6952, 25.4096)

Have a look what the booklet for
XYZ(22.0230, 16.6952, 25.4096)
contains.

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Color

**XYZ(22.0686, 16.6742,
25.3479)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5D88
RGB	156, 93, 136
RGB Percent	61%, 36%, 53%
CMY	0.3882, 0.6353, 0.4667
CMYK	0.00, 0.40, 0.13, 0.39
HSL	319°, 25%, 49%
HSV	319°, 40%, 61%
XYZ	22.0686, 16.6742, 25.3479
YIQ	116.7390, 23.7450, 26.7290

Conversions

Conversions Part 2

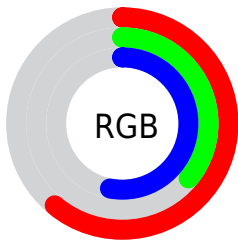
Format	Color
R_{YB}	156, 93, 136
Decimal	10247560
CIE _{Lab}	47.85, 32.11, -12.95
CIE _{LCh}	48, 34.626, 338.032
Yxy	16.6742, 0.3443, 0.2602
Android (android.graphics.Color)	4288437640 (0xFF9C5D88)
YUV	116.7390, 9.4957, 34.4319
Hunter-Lab	40.8341, 25.0100, -8.2207

Details

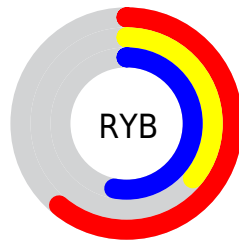
The XYZ color **22.0686, 16.6742, 25.3479** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.3840, 27.2969, 19.8711**, and the grayscale version is **16.7947, 17.6694, 19.2419**.

A 20% lighter version of the original color is **46.4621, 37.9220, 53.0150**, and **8.1739, 5.3568, 9.4073** is the 20% darker color. If you saturate the color by 10%, you get **20.4926, 14.0724, 23.1260**, and if you desaturate by 10%, it is **23.9412, 19.8427, 27.7493**.

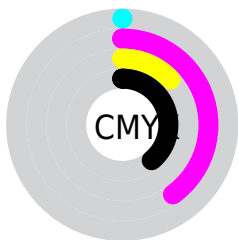
Distribution



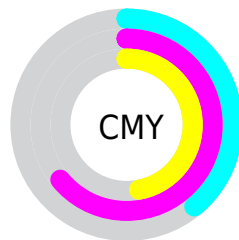
- Red (61%)
- Green (36%)
- Blue (53%)



- Red (61%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0686, 16.6742, 25.3479 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 22.0686, 16.6742, 25.3479 by changing the saturation by 10% instead.

■ 22.0686, 16.6742,
25.3479

■ 22.0686, 16.6742,
25.3479

255.5299,
233.2878, 293.0690

■ 14.0242, 10.0025,
16.1151

■ 46.3374, 37.7648,
53.1922

■ 8.2193, 5.4006,
9.4504

■ 63.2924, 52.9524,
72.6407

■ 4.2886, 2.4842,
4.9353

■ 83.9484, 71.7474,
96.3315

■ 1.8667, 0.8687,
2.1513

■ 108.6707, 94.5343,
124.6831

■ 0.5573, 0.0000,
0.6460

137.8247,
121.6974, 158.1142

■ 0.0000, 0.0000,
0.0000

171.7756,

153.6211, 197.0432

210.8889,
190.6897, 241.8886

■ 22.0686, 16.6742,
25.3479

■ 22.0686, 16.6742,
25.3479

■ 20.4926, 14.0724,
23.1260

■ 23.9412, 19.8427,
27.7493

■ 19.1945, 12.0008,
21.0757

■ 26.1247, 23.6069,
30.3355

■ 18.1554, 10.4219,
19.1898

■ 28.6344, 27.9967,
33.1127

■ 17.3536, 9.2928,
17.4601

■ 31.4839, 33.0394,
36.0866

■ 16.7636, 8.5627,
15.8768

■ 34.6864, 38.7603,
39.2625

■ 16.3367, 8.1185,
14.4713

■ 38.2539, 45.1838,
42.6454

■ 42.1981, 52.3327,
46.2401

■ 46.5303, 60.2291,
50.0514

■ 51.2609, 68.8939,
54.0836

Harmonies

Analogous

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



19.8270, 16.6742, 35.2692



22.0686, 16.6742, 25.3479



22.5403, 16.6742, 15.8651

Triad

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



22.0686, 16.6742, 25.3479



15.0270, 16.6742, 5.9264



11.5880, 16.6742, 30.8884

Complementary

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



22.0686, 16.6742, 25.3479



19.3840, 27.2969, 19.8711

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.



10.6323, 16.6742, 20.6561



22.0686, 16.6742, 25.3479



12.4410, 16.6742, 7.7282

Square

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



22.0686, 16.6742, 25.3479



18.1931, 16.6742, 6.4511



10.9227, 16.6742, 12.4711



13.7142, 16.6742, 39.1292

Rectangle

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



22.0686, 16.6742, 25.3479



21.7367, 16.6742, 11.2353



10.9227, 16.6742, 12.4711



11.1328, 16.6742, 27.4560

Sweetspot

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



22.0691, 16.6750, 25.3482



51.1162, 49.2823, 59.1792



16.7195, 13.7373, 33.2231



11.1258, 10.6301, 12.8891



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.



22.0691, 16.6750, 25.3482



37.5985, 26.1757, 42.5617



20.1520, 15.9081, 15.2530



6.8145, 6.7187, 7.8741



13.4725, 6.6936, 12.0050



0.2592, 0.1270, 0.3108

Inverse Universe

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



22.0691, 16.6750, 25.3482



37.5985, 26.1757, 42.5617



21.4718, 28.1320, 30.8651



6.8145, 6.7187, 7.8741



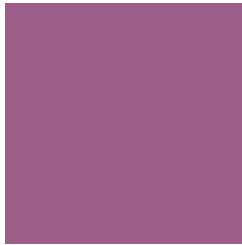
13.4725, 6.6936, 12.0050



0.2592, 0.1270, 0.3108

Previews

White Background



This preview shows how the XYZ color 22.0686, 16.6742, 25.3479 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 22.0686, 16.6742, 25.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

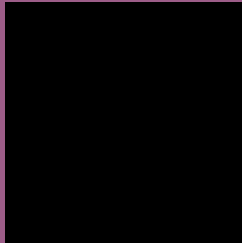
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.0686, 16.6742, 25.3479

Background



This preview shows how black text looks on a background with the XYZ color 22.0686, 16.6742, 25.3479.



This preview shows how white text looks on a background with the XYZ color 22.0686, 16.6742,

25.3479.

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

22.0686, 16.6742, 25.3479

Protanopia

17.1191, 16.9553, 31.2246

Deuteranopia

17.1205, 16.7753, 24.5259



Tritanopia

20.2002, 16.7366, 15.8015

Trichromacy



Original Color

22.0686, 16.6742, 25.3479

Protanomaly

18.4332, 16.5634, 29.0136

Deuteranomaly

18.6135, 16.4472, 24.7478

Tritanomaly

20.8120, 16.7038, 18.9569

Monochromacy



Original Color

22.0686, 16.6742, 25.3479

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3607, 17.0057, 21.3835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0686, 16.6742, 25.3479 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(156, 93, 136)` looks like.

```
.text, #text, p{  
    color:rgb(156, 93, 136)  
}
```

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(156, 93, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 93, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.0686, 16.6742, 25.3479 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(156, 93, 136) }
```


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

```
.border{ border-color:rgb(156, 93, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 93, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 93, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 93, 136);  
box-shadow:4px 4px 4px 4px rgb(156, 93,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0686, 16.6742, 25.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 93, 136) }
```

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

```
.background{ background-color: rgb(156, 93,  
136) }
```

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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