

Converting Colors

XYZ(22.6980, 16.6947, 32.1633)

Have a look what the booklet for
XYZ(22.6980, 16.6947, 32.1633)
contains.

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Color

**XYZ(22.7138, 16.7265,
32.1684)**

Conversions

Conversions Part 1

Format	Color
Hex	995C99
RGB	153, 92, 153
RGB Percent	60%, 36%, 60%
CMY	0.4000, 0.6392, 0.4000
CMYK	0.00, 0.40, 0.00, 0.40
HSL	300°, 25%, 48%
HSV	300°, 40%, 60%
XYZ	22.7138, 16.7265, 32.1684
YIQ	117.1930, 16.7750, 31.9030

Conversions

Conversions Part 2

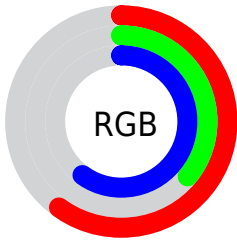
Format	Color
R_{YB}	153, 92, 153
Decimal	10050713
CIE _{Lab}	47.91, 34.79, -23.01
CIE _{LCh}	48, 41.711, 326.521
Yxy	16.7265, 0.3172, 0.2336
Android (android.graphics.Color)	4288240793 (0xFF995C99)
YUV	117.1930, 17.6529, 31.4027
Hunter-Lab	40.8980, 27.5631, -18.0060

Details

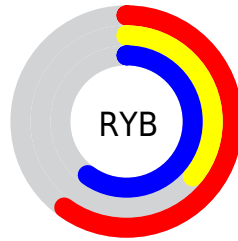
The XYZ color **22.7138, 16.7265, 32.1684** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7373, 25.8311, 14.1772**, and the grayscale version is **16.9122, 17.7929, 19.3765**.

A 20% lighter version of the original color is **47.3708, 37.9105, 64.4952**, and **8.5177, 5.3964, 13.1630** is the 20% darker color. If you saturate the color by 10%, you get **21.5201, 14.3387, 31.7706**, and if you desaturate by 10%, it is **24.1763, 19.6512, 32.6561**.

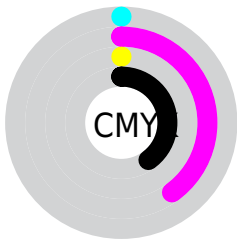
Distribution



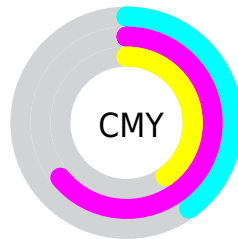
- Red (60%)
- Green (36%)
- Blue (60%)



- Red (60%)
- Yellow (36%)
- Blue (60%)



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



- Cyan (40%)
- Magenta (64%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7138, 16.7265, 32.1684 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 22.7138, 16.7265, 32.1684 by changing the saturation by 10% instead.

■ 22.7138, 16.7265,
32.1684

■ 22.7138, 16.7265,
32.1684

258.8145,
233.5913, 326.4020

■ 14.5019, 10.0397,
21.2243

■ 47.3931, 37.8549,
64.1760

■ 8.5546, 5.4253,
13.0952

■ 64.5911, 53.0653,
86.0765

■ 4.5066, 2.4989,
7.3626

■ 85.5153, 71.8857,
112.4662

■ 1.9925, 0.8761,
3.6080

■ 110.5308, 94.7005,
143.7637

■ 0.6298, 0.0000,
1.4129

140.0032,
121.8941, 180.3875

■ 0.0000, 0.0000,
0.1517

174.2976,

■ 0.0000, 0.0000,

153.8508, 222.7561

0.0000

213.7796,
190.9551, 271.2881

■ 22.7138, 16.7265,
32.1684

■ 22.7138, 16.7265,
32.1684

■ 21.5201, 14.3387,
31.7706

■ 24.1763, 19.6512,
32.6561

■ 20.5772, 12.4530,
31.4563

■ 25.9208, 23.1401,
33.2377

■ 19.8679, 11.0344,
31.2198

■ 27.9616, 27.2217,
33.9180

■ 19.3717, 10.0420,
31.0543

■ 30.3116, 31.9216,
34.7014

■ 19.0649, 9.4283,
30.9520

■ 32.9828, 37.2641,
35.5919

■ 18.8890, 9.0767,
30.8933

■ 35.9868, 43.2720,
36.5932

■ 18.8868, 9.0723,
30.8926

■ 39.3344, 49.9672,
37.7092

■ 43.0360, 57.3705,
38.9431

■ 47.1017, 65.5017,
40.2984

Harmonies

Analogous

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



19.3454, 16.7265, 43.6918



22.7138, 16.7265, 32.1684



24.2501, 16.7265, 19.4963

Triad

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



22.7138, 16.7265, 32.1684



16.3403, 16.7265, 4.3865



10.2725, 16.7265, 29.0956

Complementary

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



22.7138, 16.7265, 32.1684



17.7373, 25.8311, 14.1772

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.



9.7246, 16.7265, 16.9860



22.7138, 16.7265, 32.1684



12.8867, 16.7265, 5.2673

Square

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



22.7138, 16.7265, 32.1684



20.2234, 16.7265, 5.8355



10.6035, 16.7265, 9.0203



12.2380, 16.7265, 41.4812

Rectangle

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



22.7138, 16.7265, 32.1684



23.8746, 16.7265, 12.9416



10.6035, 16.7265, 9.0203



9.9313, 16.7265, 24.7490

Sweetspot

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



22.7144, 16.7272, 32.1688



49.1600, 46.9197, 60.4372



13.9913, 12.2303, 31.7608



10.7587, 10.1678, 13.3130



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.7144, 16.7272, 32.1688



38.7167, 26.0331, 56.9558



20.5086, 15.8449, 20.5534



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5318



0.2334, 0.1121, 0.3817

Inverse Universe

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



22.7144, 16.7272, 32.1688



38.7167, 26.0331, 56.9558



19.3495, 26.4760, 22.6665



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5318



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 22.7138, 16.7265, 32.1684 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 22.7138, 16.7265, 32.1684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

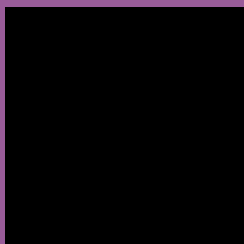
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.7138, 16.7265, 32.1684

Background



This preview shows how black text looks on a background with the XYZ color 22.7138, 16.7265, 32.1684.



This preview shows how white text looks on a background with the XYZ color 22.7138, 16.7265,

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

22.7138, 16.7265, 32.1684

Protanopia

17.6749, 16.8858, 39.8638

Deuteranopia

17.1628, 16.8224, 30.7762



Tritanopia

19.4466, 16.6145, 16.6500

Trichromacy



Original Color

22.7138, 16.7265, 32.1684

Protanomaly

18.8649, 16.4605, 36.8332

Deuteranomaly

18.7250, 16.5161, 31.0552

Tritanomaly

20.4638, 16.6056, 21.5287

Monochromacy



Original Color

22.7138, 16.7265, 32.1684

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.5977, 17.0827, 23.4362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7138, 16.7265, 32.1684 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(153, 92, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 153)  
}
```

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(153, 92, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.7138, 16.7265, 32.1684 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(153, 92, 153) }
```


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

```
.border{ border-color:rgb(153, 92, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 92, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7138, 16.7265, 32.1684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 153) }
```

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

```
.background{ background-color: rgb(153, 92,  
153) }
```

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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