

Converting Colors

XYZ(22.8479, 17.1355, 32.0939)

Have a look what the booklet for
XYZ(22.8479, 17.1355, 32.0939)
contains.

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Color

**XYZ(22.9788, 17.2566,
32.2567)**

Conversions

Conversions Part 1

Format	Color
Hex	995F99
RGB	153, 95, 153
RGB Percent	60%, 37%, 60%
CMY	0.4000, 0.6274, 0.4000
CMYK	0.00, 0.38, 0.00, 0.40
HSL	300°, 23%, 49%
HSV	300°, 38%, 60%
XYZ	22.9788, 17.2566, 32.2567
YIQ	118.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

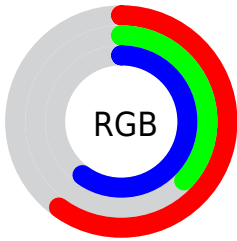
Format	Color
R_{YB}	153, 95, 153
Decimal	10051481
CIE _{Lab}	48.58, 33.11, -21.98
CIE _{LCh}	49, 39.743, 326.425
Yxy	17.2566, 0.3170, 0.2380
Android (android.graphics.Color)	4288241561 (0xFF995F99)
YUV	118.9540, 16.7847, 29.8583
Hunter-Lab	41.5411, 26.0420, -16.9600

Details

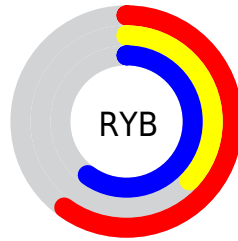
The XYZ color **22.9788, 17.2566, 32.2567** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.1768, 26.0421, 14.8960**, and the grayscale version is **17.4656, 18.3752, 20.0105**.

A 20% lighter version of the original color is **47.8313, 38.8314, 64.6487**, and **8.7421, 5.6800, 13.2060** is the 20% darker color. If you saturate the color by 10%, you get **21.7338, 14.7663, 31.8418**, and if you desaturate by 10%, it is **24.4956, 20.2898, 32.7625**.

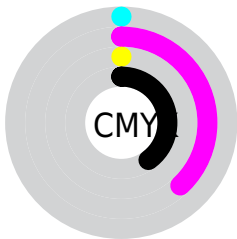
Distribution



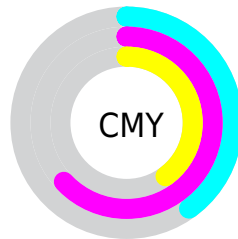
- Red (60%)
- Green (37%)
- Blue (60%)



- Red (60%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9788, 17.2566, 32.2567 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 22.9788, 17.2566, 32.2567 by changing the saturation by 10% instead.

■ 22.9788, 17.2566,
32.2567

■ 22.9788, 17.2566,
32.2567

260.1535,
236.6468, 326.8156

■ 14.6985, 10.4176,
21.2912

■ 47.8254, 38.7664,
64.3159

■ 8.6930, 5.6767,
13.1437

■ 65.1224, 54.2061,
86.2466

■ 4.5970, 2.6495,
7.3957

■ 86.1557, 73.2814,
112.6696

■ 2.0451, 0.9516,
3.6286

■ 111.2906, 96.3767,
144.0032

■ 0.6591, 0.0000,
1.4239

140.8924,
123.8766, 180.6661

■ 0.0000, 0.0000,
0.1602

175.3266,

■ 0.0000, 0.0000,

156.1653, 223.0768

0.0000

214.9585,
193.6272, 271.6538

■ 22.9788, 17.2566,
32.2567

■ 22.9788, 17.2566,
32.2567

■ 21.7338, 14.7663,
31.8418

■ 24.4956, 20.2898,
32.7625

■ 20.7430, 12.7848,
31.5116

■ 26.2971, 23.8929,
33.3631

■ 19.9895, 11.2776,
31.2603

■ 28.3976, 28.0937,
34.0632

■ 19.4532, 10.2051,
31.0815

■ 30.8096, 32.9177,
34.8673

■ 19.1114, 9.5214,
30.9675

■ 33.5452, 38.3889,
35.7792

■ 18.9216, 9.1418,
30.9042

■ 36.6157, 44.5299,
36.8027

■ 18.8868, 9.0723,
30.8926

■ 40.0319, 51.3623,
37.9415

■ 43.8041, 58.9067,
39.1989

■ 47.9422, 67.1829,
40.5783

Harmonies

Analogous

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



19.7311, 17.2566, 43.1791



22.9788, 17.2566, 32.2567



24.4598, 17.2566, 20.0720

Triad

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



22.9788, 17.2566, 32.2567



16.8438, 17.2566, 5.0131



10.8809, 17.2566, 29.2408

Complementary

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



22.9788, 17.2566, 32.2567



18.1768, 26.0421, 14.8960

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.



10.3421, 17.2566, 17.5628



22.9788, 17.2566, 32.2567



13.4699, 17.2566, 5.9176

Square

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



22.9788, 17.2566, 32.2567



20.6017, 17.2566, 6.5175



11.2174, 17.2566, 9.7148



12.8155, 17.2566, 41.0313

Rectangle

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



22.9788, 17.2566, 32.2567



24.1052, 17.2566, 13.6553



11.2174, 17.2566, 9.7148



10.5441, 17.2566, 25.0721

Sweetspot

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



22.9794, 17.2574, 32.2571



49.5501, 47.6999, 60.5673



14.5620, 12.9181, 31.8633



10.8382, 10.3267, 13.3395



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.



22.9794, 17.2574, 32.2571



39.3347, 27.2690, 57.1619



20.8678, 16.4127, 21.1376



6.4612, 6.3237, 7.8090



15.6094, 7.4980, 25.5319



0.2334, 0.1121, 0.3817

Inverse Universe

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



22.9794, 17.2574, 32.2571



39.3347, 27.2690, 57.1619



19.7493, 26.6711, 23.1766



6.4612, 6.3237, 7.8090



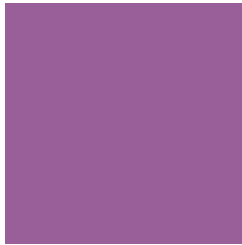
15.6094, 7.4980, 25.5319



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 22.9788, 17.2566, 32.2567 looks on a white background.

Color Contrast Check

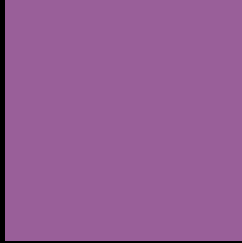
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9788, 17.2566, 32.2567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

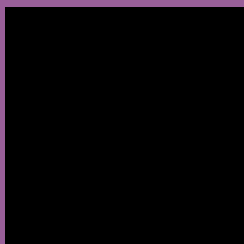
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.9788, 17.2566, 32.2567

Background



This preview shows how black text looks on a background with the XYZ color 22.9788, 17.2566, 32.2567.



This preview shows how white text looks on a background with the XYZ color 22.9788, 17.2566,

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

22.9788, 17.2566, 32.2567

Protanopia

18.1222, 17.4585, 39.4605

Deuteranopia

17.8290, 17.4878, 31.2900



Tritanopia

20.0877, 17.3664, 17.6225

Trichromacy



Original Color

22.9788, 17.2566, 32.2567

Protanomaly

19.3398, 17.0113, 36.9145

Deuteranomaly

19.3011, 17.1097, 31.5634

Tritanomaly

21.0621, 17.3237, 22.3124

Monochromacy



Original Color

22.9788, 17.2566, 32.2567

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.0327, 17.6158, 23.8698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9788, 17.2566, 32.2567 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, 95, 153)` looks like.

```
.text, #text, p{  
    color:rgb(153, 95, 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, 95, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 153) }
```

Border

The CSS property to change the border of an element to XYZ 22.9788, 17.2566, 32.2567 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, 95, 153) }
```


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

```
.border{ border-color:rgb(153, 95, 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, 95, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 95, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 95, 153);  
box-shadow:4px 4px 4px 4px rgb(153, 95,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9788, 17.2566, 32.2567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 153) }
```

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

```
.background{ background-color: rgb(153, 95,  
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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