

Converting Colors

XYZ(22.9511, 17.1309, 25.9926)

Have a look what the booklet for
XYZ(22.9511, 17.1309, 25.9926)
contains.

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Color

**XYZ(22.9990, 17.1373,
26.1404)**

Conversions

Conversions Part 1

Format	Color
Hex	A05D8A
RGB	160, 93, 138
RGB Percent	63%, 36%, 54%
CMY	0.3725, 0.6353, 0.4588
CMYK	0.00, 0.42, 0.14, 0.37
HSL	320°, 26%, 50%
HSV	320°, 42%, 63%
XYZ	22.9990, 17.1373, 26.1404
YIQ	118.1630, 25.4870, 28.1990

Conversions

Conversions Part 2

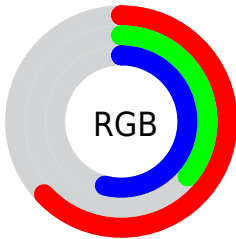
Format	Color
R_{YB}	160, 93, 138
Decimal	10509706
CIE _{Lab}	48.43, 33.85, -13.21
CIE _{LCh}	48, 36.334, 338.677
Yxy	17.1373, 0.3470, 0.2586
Android (android.graphics.Color)	4288699786 (0xFFA05D8A)
YUV	118.1630, 9.7796, 36.6910
Hunter-Lab	41.3972, 26.7239, -8.4608

Details

The XYZ color **22.9990, 17.1373, 26.1404** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.1803, 28.7071, 20.6984**, and the grayscale version is **17.2362, 18.1338, 19.7477**.

A 20% lighter version of the original color is **47.8483, 38.6113, 54.2211**, and **8.7255, 5.6317, 9.8597** is the 20% darker color. If you saturate the color by 10%, you get **21.3676, 14.4684, 23.7651**, and if you desaturate by 10%, it is **24.9437, 20.4028, 28.7113**.

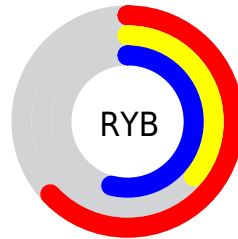
Distribution



Red (63%)

Green (36%)

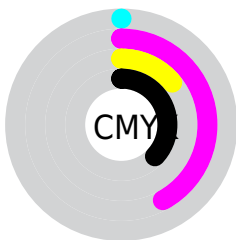
Blue (54%)



Red (63%)

Yellow (36%)

Blue (54%)

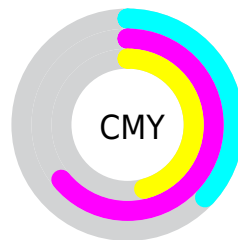


Cyan (0%)

Magenta (42%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (64%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.9990, 17.1373, 26.1404 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 22.9990, 17.1373, 26.1404 by changing the saturation by 10% instead.


 22.9990, 17.1373,
26.1404


 22.9990, 17.1373,
26.1404


260.2553,
235.9624, 297.0980


 14.7135, 10.3324,
16.7020


 47.8584, 38.5617,
54.4882

 8.7035, 5.6199,
9.8625


 65.1629, 53.9500,
74.2347

 4.6039, 2.6154,
5.2035

 86.2044, 72.9683,
98.2543

 2.0491, 0.9344,
2.3063

 111.3484, 96.0008,
126.9656

 0.6613, 0.0000,
0.7348

140.9601,
123.4321, 160.7871

 0.0000, 0.0000,
0.0000

175.4049,

155.6466, 200.1372

215.0482,
193.0285, 245.4347

■ 22.9990, 17.1373,
26.1404

■ 22.9990, 17.1373,
26.1404

■ 21.3676, 14.4684,
23.7651

■ 24.9437, 20.4028,
28.7113

■ 20.0292, 12.3568,
21.5768

■ 27.2171, 24.2963,
31.4837

■ 18.9635, 10.7618,
19.5677

■ 29.8358, 28.8499,
34.4644

■ 18.1467, 9.6366,
17.7284

■ 32.8145, 34.0929,
37.6596

■ 17.5509, 8.9254,
16.0484

■ 36.1671, 40.0527,
41.0750

■ 17.1754, 8.5449,
14.7813

■ 39.9067, 46.7552,
44.7163

■ 44.0459, 54.2250,
48.5886

■ 48.5966, 62.4857,
52.6972

■ 53.5702, 71.5597,
57.0468

Harmonies

Analogous

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



20.6191, 17.1373, 36.9132



22.9990, 17.1373, 26.1404



23.4608, 17.1373, 16.0316

Triad

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



22.9990, 17.1373, 26.1404



15.3430, 17.1373, 5.7816



11.7900, 17.1373, 32.5991

Complementary

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



22.9990, 17.1373, 26.1404



20.1803, 28.7071, 20.6984

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.



10.7509, 17.1373, 21.5602



22.9990, 17.1373, 26.1404



12.6111, 17.1373, 7.7052

Square

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



22.9990, 17.1373, 26.1404



18.7255, 17.1373, 6.2728



11.0295, 17.1373, 12.7624



14.0727, 17.1373, 41.4391

Rectangle

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



22.9990, 17.1373, 26.1404



22.5656, 17.1373, 11.1806



11.0295, 17.1373, 12.7624



11.2989, 17.1373, 28.8964

Sweetspot

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



22.9995, 17.1381, 26.1407



53.4794, 51.1701, 61.8083



17.2280, 13.9597, 35.0444



11.5030, 10.8283, 13.3024



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.9995, 17.1381, 26.1407



39.0438, 26.6677, 43.5278



20.9766, 16.3289, 15.4883



6.8114, 6.7175, 7.8582



13.4002, 6.6646, 11.6242



0.2582, 0.1266, 0.3059

Inverse Universe

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



22.9995, 17.1381, 26.1407



39.0438, 26.6677, 43.5278



22.4085, 29.5984, 32.4320



6.8114, 6.7175, 7.8582



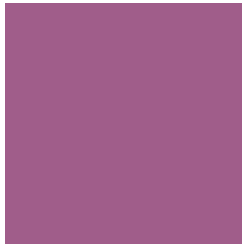
13.4002, 6.6646, 11.6242



0.2582, 0.1266, 0.3059

Previews

White Background



This preview shows how the XYZ color 22.9990, 17.1373, 26.1404 looks on a white background.

Color Contrast Check

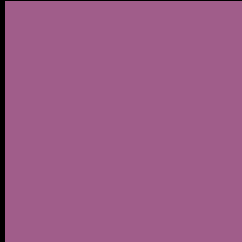
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9990, 17.1373, 26.1404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

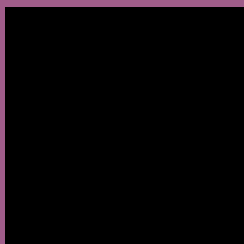
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.9990, 17.1373, 26.1404

Background



This preview shows how black text looks on a background with the XYZ color 22.9990, 17.1373, 26.1404.



This preview shows how white text looks on a background with the XYZ color 22.9990, 17.1373,

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

22.9990, 17.1373, 26.1404

Protanopia

17.5928, 17.3378, 32.5563

Deuteranopia

17.6144, 17.3414, 25.3405



Tritanopia

20.8260, 17.0531, 16.1039

Trichromacy



Original Color

22.9990, 17.1373, 26.1404

Protanomaly

18.9568, 16.8062, 30.2618

Deuteranomaly

19.2708, 17.0722, 25.5721

Tritanomaly

21.4493, 17.0255, 19.2953

Monochromacy



Original Color

22.9990, 17.1373, 26.1404

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8432, 17.4045, 21.7683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9990, 17.1373, 26.1404 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(160, 93, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 93, 138)  
}
```

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(160, 93, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 93, 138) }
```

Border

The CSS property to change the border of an element to XYZ 22.9990, 17.1373, 26.1404 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(160, 93, 138) }
```


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

```
.border{ border-color:rgb(160, 93, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 93, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 93, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 93, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 93,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9990, 17.1373, 26.1404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 93, 138) }
```

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

```
.background{ background-color: rgb(160, 93,  
138) }
```

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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