

Converting Colors

XYZ(26.5015, 22.1546, 30.4832)

Have a look what the booklet for
XYZ(26.5015, 22.1546, 30.4832)
contains.

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Color

**XYZ(26.5015, 22.1546,
30.4832)**

Conversions

Conversions Part 1

Format	Color
Hex	A37393
RGB	163, 115, 147
RGB Percent	64%, 45%, 58%
CMY	0.3608, 0.5490, 0.4235
CMYK	0.00, 0.29, 0.10, 0.36
HSL	320°, 21%, 55%
HSV	320°, 29%, 64%
XYZ	26.5015, 22.1546, 30.4832
YIQ	133.0000, 18.3360, 20.1280

Conversions

Conversions Part 2

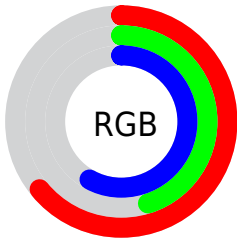
Format	Color
R _Y B	163, 115, 147
Decimal	10711955
CIE Lab	54.19, 24.10, -9.82
CIE LCh	54, 26.026, 337.836
Yxy	22.1546, 0.3349, 0.2799
Android (android.graphics.Color)	4288902035 (0xFFA37393)
YUV	133.0000, 6.9020, 26.3100
Hunter-Lab	47.0687, 18.1323, -5.4501

Details

The XYZ color **26.5015, 22.1546, 30.4832** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2651, 31.4787, 26.2713**, and the grayscale version is **22.2659, 23.4255, 25.5103**.

A 20% lighter version of the original color is **53.5747, 46.9145, 61.4901**, and **10.4899, 8.0560, 12.0684** is the 20% darker color. If you saturate the color by 10%, you get **24.3883, 18.5943, 27.7246**, and if you desaturate by 10%, it is **28.9648, 26.3823, 33.4583**.

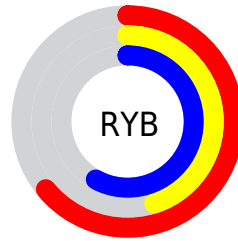
Distribution



Red (64%)

Green (45%)

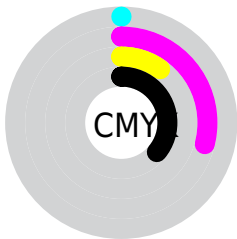
Blue (58%)



Red (64%)

Yellow (45%)

Blue (58%)

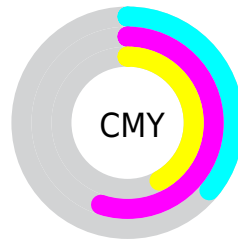


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5015, 22.1546, 30.4832 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 26.5015, 22.1546, 30.4832 by changing the saturation by 10% instead.

■ 26.5015, 22.1546,
30.4832

■ 26.5015, 22.1546,
30.4832

277.4471,
263.3526, 318.4274

■ 17.3338, 13.9705,
19.9505

■ 53.5084, 47.0014,
61.4955

■ 10.5696, 8.1002,
12.1753

■ 72.0784, 64.4329,
82.8122

■ 5.8433, 4.1591,
6.7392

■ 94.5133, 85.7157,
108.5606

■ 2.7898, 1.7630,
3.2236

■ 121.1782,
111.2341, 139.1592

■ 1.0436, 0.4639,
1.2099

152.4388,
141.3727, 175.0267

■ 0.0000, 0.0000,
0.0000

188.6602,

176.5157, 216.5816

230.2078,
217.0475, 264.2423

■ 26.5015, 22.1546,
30.4832

■ 26.5015, 22.1546,
30.4832

■ 24.3883, 18.5943,
27.7246

■ 28.9648, 26.3823,
33.4583

■ 22.6057, 15.6636,
25.1741

■ 31.7926, 31.3065,
36.6555

■ 21.1351, 13.3257,
22.8241

■ 35.0008, 36.9585,
40.0814

■ 19.9553, 11.5385,
20.6664

■ 38.6037, 43.3664,
43.7422

■ 19.0423, 10.2545,
18.6914

■ 42.6149, 50.5571,
47.6437

■ 18.3680, 9.4179,
16.8882

■ 47.0475, 58.5560,
51.7914

■ 17.8726, 8.9096,
15.2355

■ 51.9137, 67.3875,
56.1906

■ 17.8467, 8.8835,
15.1470

■ 57.2253, 77.0750,
60.8466

■ 60.8175, 83.2878,
65.0387

Harmonies

Analogous

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



24.5696, 22.1546, 38.6197



26.5015, 22.1546, 30.4832



26.9125, 22.1546, 22.0624

Triad

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



26.5015, 22.1546, 30.4832



20.3251, 22.1546, 11.7563



17.0505, 22.1546, 34.9837

Complementary

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



26.5015, 22.1546, 30.4832



24.2651, 31.4787, 26.2713

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.



16.1196, 22.1546, 26.3072



26.5015, 22.1546, 30.4832



17.8967, 22.1546, 13.8007

Square

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



26.5015, 22.1546, 30.4832



23.1746, 22.1546, 12.3895



16.4149, 22.1546, 18.7147



19.0730, 22.1546, 41.5969

Rectangle

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



26.5015, 22.1546, 30.4832



26.2375, 22.1546, 17.5609



16.4149, 22.1546, 18.7147



16.6082, 22.1546, 32.1438

Sweetspot

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



26.5022, 22.1556, 30.4837



57.0883, 56.3313, 65.8118



22.1027, 19.7323, 37.2946



12.6533, 12.3568, 14.5956



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5022, 22.1556, 30.4837



45.0427, 35.5856, 51.4834



24.8110, 21.4791, 21.5782



7.2635, 7.1618, 8.3738



13.8916, 6.9127, 11.8859



0.3124, 0.1535, 0.3578

Inverse Universe

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



26.5022, 22.1556, 30.4837



45.0427, 35.5856, 51.4834



26.0846, 32.2065, 35.8527



7.2635, 7.1618, 8.3738



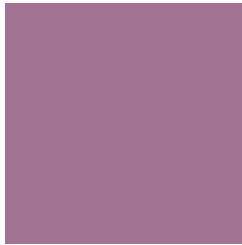
13.8916, 6.9127, 11.8859



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 26.5015, 22.1546, 30.4832 looks on a white background.

Color Contrast Check

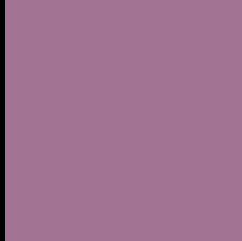
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 26.5015, 22.1546, 30.4832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

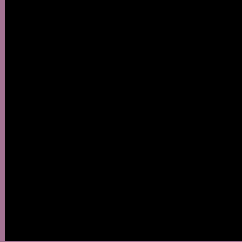
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5015, 22.1546, 30.4832

Background



This preview shows how black text looks on a background with the XYZ color 26.5015, 22.1546, 30.4832.



This preview shows how white text looks on a background with the XYZ color 26.5015, 22.1546,

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

26.5015, 22.1546, 30.4832

Protanopia

22.1632, 22.3859, 34.6053

Deuteranopia

22.7250, 22.2003, 29.8754



Tritanopia

25.1910, 22.3292, 23.4043

Trichromacy



Original Color

26.5015, 22.1546, 30.4832

Protanomaly

23.4387, 22.1185, 33.1709

Deuteranomaly

24.0019, 22.1054, 30.1959

Tritanomaly

25.7519, 22.3875, 25.8856

Monochromacy



Original Color

26.5015, 22.1546, 30.4832

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.5499, 22.6860, 27.1824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5015, 22.1546, 30.4832 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(163, 115, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 115, 147)  
}
```

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(163, 115, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 115, 147) }
```

Border

The CSS property to change the border of an element to XYZ 26.5015, 22.1546, 30.4832 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(163, 115, 147) }
```


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

```
.border{ border-color:rgb(163, 115, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 115, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 115, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 115, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 115,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5015, 22.1546, 30.4832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 115, 147) }
```

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

```
.background{ background-color: rgb(163,  
115, 147) }
```

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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