

Converting Colors

XYZ(26.1238, 20.2696, 29.6927)

Have a look what the booklet for
XYZ(26.1238, 20.2696, 29.6927)
contains.

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Color

**XYZ(26.0750, 20.1914,
29.7172)**

Conversions

Conversions Part 1

Format	Color
Hex	A76892
RGB	167, 104, 146
RGB Percent	65%, 41%, 57%
CMY	0.3451, 0.5921, 0.4274
CMYK	0.00, 0.38, 0.13, 0.35
HSL	320°, 26%, 53%
HSV	320°, 38%, 65%
XYZ	26.0750, 20.1914, 29.7172
YIQ	127.6250, 24.0660, 26.4180

Conversions

Conversions Part 2

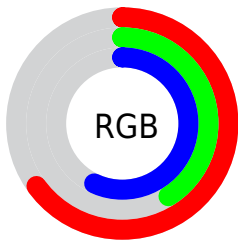
Format	Color
R_{YB}	167, 104, 146
Decimal	10971282
CIE _{Lab}	52.05, 31.56, -12.40
CIE _{LCh}	52, 33.904, 338.549
Y _{xy}	20.1914, 0.3432, 0.2657
Android (android.graphics.Color)	4289161362 (0xFFA76892)
YUV	127.6250, 9.0589, 34.5319
Hunter-Lab	44.9348, 24.9448, -7.7564

Details

The XYZ color **26.0750, 20.1914, 29.7172** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.2302, 32.0618, 24.3676**, and the grayscale version is **20.3524, 21.4123, 23.3180**.

A 20% lighter version of the original color is **52.7452, 43.6350, 60.2860**, and **10.3712, 7.1360, 11.6572** is the 20% darker color. If you saturate the color by 10%, you get **24.1351, 16.9875, 26.9858**, and if you desaturate by 10%, it is **28.3701, 24.0713, 32.6715**.

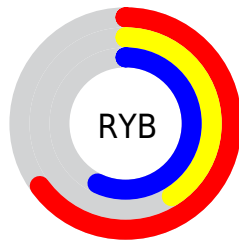
Distribution



Red (65%)

Green (41%)

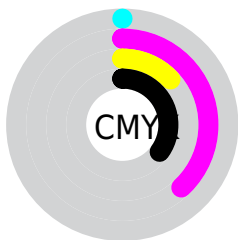
Blue (57%)



Red (65%)

Yellow (41%)

Blue (57%)

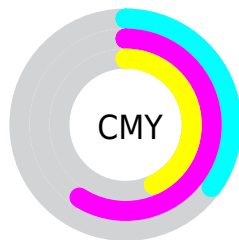


Cyan (0%)

Magenta (38%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (59%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0750, 20.1914, 29.7172 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 26.0750, 20.1914, 29.7172 by changing the saturation by 10% instead.

 26.0750, 20.1914,
29.7172


 26.0750, 20.1914,
29.7172


275.4000,
252.9494, 314.7502


 17.0127, 12.5343,
19.3738


 52.8264, 43.7378,
60.2704

 10.3389, 7.1086,
11.7612


 71.2461, 60.3959,
81.3172

 5.6882, 3.5301,
6.4607

 93.5158, 80.8231,
106.7690

 2.6953, 1.4144,
3.0539

 120.0008,
105.4038, 137.0442

 0.9948, 0.2273,
1.1222

151.0663,
134.5224, 172.5614

 0.0000, 0.0000,
0.0000

187.0778,

168.5632, 213.7391

228.4006,
207.9108, 260.9958

■ 26.0750, 20.1914,
29.7172

■ 26.0750, 20.1914,
29.7172

■ 24.1351, 16.9875,
26.9858

■ 28.3701, 24.0713,
32.6715

■ 22.5285, 14.4173,
24.4680

■ 31.0371, 28.6609,
35.8549

■ 21.2336, 12.4379,
22.1551

■ 34.0935, 33.9948,
39.2751

■ 20.2257, 10.9999,
20.0375

■ 37.5554, 40.1047,
42.9388

■ 19.4756, 10.0458,
18.1038

■ 41.4380, 47.0202,
46.8523

■ 18.9359, 9.4814,
16.3367

■ 45.7555, 54.7695,
51.0217

■ 18.8241, 9.3706,
15.9512

■ 50.5215, 63.3796,
55.4529

■ 55.7491, 72.8759,
60.1515

■ 61.4507, 83.2830,
65.1229

Harmonies

Analogous

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



23.6441, 20.1914, 40.5119



26.0750, 20.1914, 29.7172



26.5527, 20.1914, 19.2720

Triad

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



26.0750, 20.1914, 29.7172



18.2190, 20.1914, 8.0110



14.4432, 20.1914, 36.1285

Complementary

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



26.0750, 20.1914, 29.7172



23.2302, 32.0618, 24.3676

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.



13.3342, 20.1914, 24.9413



26.0750, 20.1914, 29.7172



15.3359, 20.1914, 10.1947

Square

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



26.0750, 20.1914, 29.7172



21.7293, 20.1914, 8.5899



13.6402, 20.1914, 15.7258



16.8591, 20.1914, 44.9208

Rectangle

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



26.0750, 20.1914, 29.7172



25.6503, 20.1914, 14.0770



13.6402, 20.1914, 15.7258



13.9193, 20.1914, 32.4085

Sweetspot

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



26.0756, 20.1923, 29.7176



59.0747, 57.4061, 68.1601



20.3837, 17.0516, 38.7766



13.0594, 12.5663, 15.0744



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.0756, 20.1923, 29.7176



43.8396, 31.4283, 49.2327



23.9532, 19.3434, 18.5414



7.7340, 7.6235, 8.9164



14.4276, 7.1797, 12.3291



0.3733, 0.1836, 0.4171

Inverse Universe

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



26.0756, 20.1923, 29.7176



43.8396, 31.4283, 49.2327



25.5716, 32.9984, 36.6971



7.7340, 7.6235, 8.9164



14.4276, 7.1797, 12.3291



0.3733, 0.1836, 0.4171

Previews

White Background



This preview shows how the XYZ color 26.0750, 20.1914, 29.7172 looks on a white background.

Color Contrast Check

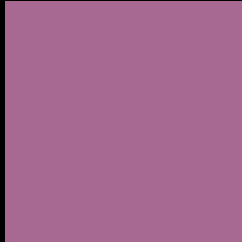
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0750, 20.1914, 29.7172 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 26.0750, 20.1914, 29.7172

Background



This preview shows how black text looks on a background with the XYZ color 26.0750, 20.1914, 29.7172.



This preview shows how white text looks on a background with the XYZ color 26.0750, 20.1914,

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

26.0750, 20.1914, 29.7172

Protanopia

20.4112, 20.3140, 35.6461

Deuteranopia

20.6974, 20.2471, 28.8038



Tritanopia

24.0485, 20.1378, 19.7590

Trichromacy



Original Color

26.0750, 20.1914, 29.7172

Protanomaly

21.9096, 19.8922, 33.2567

Deuteranomaly

22.3201, 20.0259, 29.0745

Tritanomaly

24.6710, 20.0732, 22.9963

Monochromacy



Original Color

26.0750, 20.1914, 29.7172

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.1253, 20.6937, 25.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0750, 20.1914, 29.7172 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(167, 104, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 146)  
}
```

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(167, 104, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 146) }
```

Border

The CSS property to change the border of an element to XYZ 26.0750, 20.1914, 29.7172 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(167, 104, 146) }
```


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

```
.border{ border-color:rgb(167, 104, 146) }
```

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

Here you see how a box with a 4 pixel rgb(167, 104, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 146);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0750, 20.1914, 29.7172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 146) }
```

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

```
.background{ background-color: rgb(167,  
104, 146) }
```

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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