

Converting Colors

XYZ(26.1698, 22.1501, 12.4808)

Have a look what the booklet for
XYZ(26.1698, 22.1501, 12.4808)
contains.

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Color

**XYZ(26.2229, 22.2378,
12.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	B2725A
RGB	178, 114, 90
RGB Percent	70%, 45%, 35%
CMY	0.3020, 0.5529, 0.6471
CMYK	0.00, 0.36, 0.49, 0.30
HSL	16°, 36%, 53%
HSV	16°, 49%, 70%
XYZ	26.2229, 22.2378, 12.5831
YIQ	130.4000, 45.8480, 6.1040

Conversions

Conversions Part 2

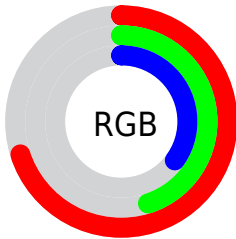
Format	Color
R_{YB}	178, 123, 90
Decimal	11694682
CIE _{Lab}	54.28, 22.58, 23.75
CIE _{LCh}	54, 32.769, 46.454
Yxy	22.2378, 0.4296, 0.3643
Android (android.graphics.Color)	4289884762 (0xFFB2725A)
YUV	130.4000, -19.9172, 41.7452
Hunter-Lab	47.1570, 16.7350, 17.1893

Details

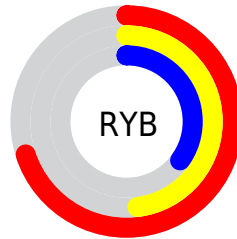
The XYZ color **26.2229, 22.2378, 12.5831** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.8074, 28.4980, 46.3653**, and the grayscale version is **21.4174, 22.5328, 24.5382**.

A 20% lighter version of the original color is **52.9619, 46.9988, 31.0912**, and **10.3710, 8.1000, 3.3997** is the 20% darker color. If you saturate the color by 10%, you get **24.1959, 19.2546, 8.6066**, and if you desaturate by 10%, it is **28.6391, 25.7092, 17.5848**.

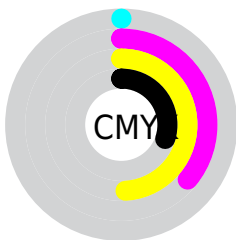
Distribution



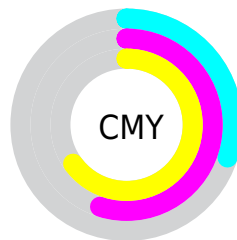
- Red (70%)
- Green (45%)
- Blue (35%)



- Red (70%)
- Yellow (48%)
- Blue (35%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (30%)





- Cyan (30%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2229, 22.2378, 12.5831 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 26.2229, 22.2378, 12.5831 by changing the saturation by 10% instead.


 26.2229, 22.2378,
12.5831


 26.2229, 22.2378,
12.5831


276.1112,
263.7856, 219.3414


 17.1240, 14.0317,
7.0148


 53.0631, 47.1387,
31.2329

 10.4188, 8.1427,
3.3927


 71.5351, 64.6024,
45.1514


 5.7419, 4.1864,
1.2985

 93.8621, 85.9206,
62.6904

 2.7279, 1.7784,
0.0606

 120.4097,
111.4780, 84.2684

 1.0116, 0.4736,
0.0000

 151.5430,
141.6587, 110.3040

 0.0000, 0.0000,
0.0000

187.6274,

176.8473, 141.2156

229.0284,
217.4282, 177.4219

■ 26.2229, 22.2378,
12.5831

■ 26.2229, 22.2378,
12.5831

■ 24.1959, 19.2546,
8.6066

■ 28.6391, 25.7092,
17.5848

■ 22.5346, 16.7336,
5.5818

■ 31.4629, 29.6863,
23.6757

■ 21.2155, 14.6514,
3.4274


■ 34.7133, 34.1900,
30.9159


■ 20.2109, 12.9812,
2.0476


■ 38.4077, 39.2390,
39.3608

■ 19.4757, 11.6874,
1.2582


■ 42.5625, 44.8509,
49.0622

 19.4398, 11.6244,
1.2192

 47.1931, 51.0427,
60.0688

 52.3145, 57.8305,
72.4267

 57.9405, 65.2298,
86.1798

 64.0849, 73.2556,
101.3699

Harmonies

Analogous

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



28.4208, 22.2378, 19.0643



26.2229, 22.2378, 12.5831



22.7840, 22.2378, 9.6962

Triad

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



26.2229, 22.2378, 12.5831



15.1446, 22.2378, 19.8973



23.1394, 22.2378, 48.3620

Complementary

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



26.2229, 22.2378, 12.5831



23.8074, 28.4980, 46.3653

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.



19.5701, 22.2378, 48.7725



26.2229, 22.2378, 12.5831



15.2168, 22.2378, 30.2146

Square

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



26.2229, 22.2378, 12.5831



16.5442, 22.2378, 13.0443



16.7542, 22.2378, 41.4254



26.5082, 22.2378, 40.4251

Rectangle

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



26.2229, 22.2378, 12.5831



20.3747, 22.2378, 9.4688



16.7542, 22.2378, 41.4254



21.9168, 22.2378, 49.4486

Sweetspot

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



26.2235, 22.2389, 12.5835



65.6500, 65.7049, 62.1913



27.8936, 19.1284, 33.0273



14.2424, 14.1427, 13.0904



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.2235, 22.2389, 12.5835



43.6842, 34.6276, 15.2414



32.3417, 34.4754, 14.6229



8.6788, 8.8700, 8.9072



13.9554, 8.4095, 0.8877



0.4888, 0.3641, 0.0445

Inverse Universe

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



23.8074, 28.4980, 46.3653



38.7555, 47.1674, 83.4428



17.8862, 16.6555, 44.3916



8.5427, 9.2317, 10.8380



11.4632, 13.7268, 32.1824



0.4061, 0.5228, 1.0277

Previews

White Background



This preview shows how the XYZ color 26.2229, 22.2378, 12.5831 looks on a white background.

Color Contrast Check

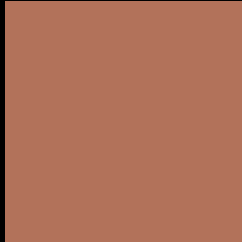
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2229, 22.2378, 12.5831 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 26.2229, 22.2378, 12.5831

Background



This preview shows how black text looks on a background with the XYZ color 26.2229, 22.2378, 12.5831.



This preview shows how white text looks on a background with the XYZ color 26.2229, 22.2378,

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

26.2229, 22.2378, 12.5831

Protanopia

20.9555, 22.4038, 14.5291

Deuteranopia

22.8054, 22.4397, 12.3618



Tritanopia

27.6683, 22.1632, 19.9592

Trichromacy



Original Color

26.2229, 22.2378, 12.5831

Protanomaly

22.5545, 22.0935, 13.6654

Deuteranomaly

23.9504, 22.2885, 12.4910

Tritanomaly

26.9816, 22.0353, 17.0185

Monochromacy



Original Color

26.2229, 22.2378, 12.5831

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3348, 21.8562, 19.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2229, 22.2378, 12.5831 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(178, 114, 90)` looks like.

```
.text, #text, p{  
    color:rgb(178, 114, 90)  
}
```

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(178, 114, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 114, 90) }
```

Border

The CSS property to change the border of an element to XYZ 26.2229, 22.2378, 12.5831 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(178, 114, 90) }
```


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

```
.border{ border-color:rgb(178, 114, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 114, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 114, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 114, 90);  
box-shadow:4px 4px 4px 4px rgb(178, 114,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2229, 22.2378, 12.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 114, 90) }
```

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

```
.background{ background-color: rgb(178,  
114, 90) }
```

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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