

Converting Colors

XYZ(26.1246, 22.1721, 13.2586)

Have a look what the booklet for
XYZ(26.1246, 22.1721, 13.2586)
contains.

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Color

**XYZ(26.1246, 22.1721,
13.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	B1725D
RGB	177, 114, 93
RGB Percent	69%, 45%, 36%
CMY	0.3059, 0.5529, 0.6353
CMYK	0.00, 0.36, 0.47, 0.31
HSL	15°, 35%, 53%
HSV	15°, 47%, 69%
XYZ	26.1246, 22.1721, 13.2586
YIQ	130.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

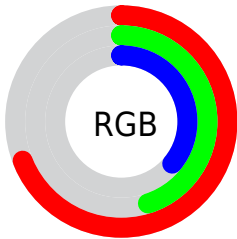
Format	Color
R_{YB}	177, 121, 93
Decimal	11629149
CIE Lab	54.21, 22.47, 21.92
CIE LCh	54, 31.388, 44.293
Yxy	22.1721, 0.4244, 0.3602
Android (android.graphics.Color)	4289819229 (0xFFB1725D)
YUV	130.4430, -18.4594, 40.8305
Hunter-Lab	47.0873, 16.6313, 16.2665

Details

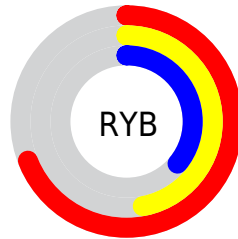
The XYZ color **26.1246, 22.1721, 13.2586** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.3378, 29.2770, 45.9632**, and the grayscale version is **21.4281, 22.5440, 24.5505**.

A 20% lighter version of the original color is **52.8551, 46.9178, 32.2569**, and **10.4294, 8.1234, 3.7076** is the 20% darker color. If you saturate the color by 10%, you get **24.0394, 19.1144, 9.1332**, and if you desaturate by 10%, it is **28.6097, 25.7392, 18.4130**.

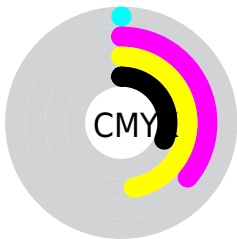
Distribution



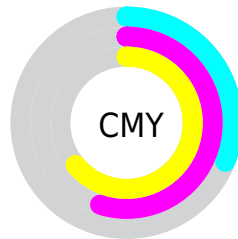
- Red (69%)
- Green (45%)
- Blue (36%)



- Red (69%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (31%)





- Cyan (31%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1246, 22.1721, 13.2586 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 26.1246, 22.1721, 13.2586 by changing the saturation by 10% instead.

 26.1246, 22.1721,
13.2586


 26.1246, 22.1721,
13.2586


275.6387,
263.4437, 223.8341


 17.0500, 13.9834,
7.4740


 52.9058, 47.0303,
32.4656


 10.3657, 8.1091,
3.6774


 71.3431, 64.4686,
46.7251

 5.7062, 4.1649,
1.4501

 93.6320, 85.7588,
64.6466

 2.7062, 1.7662,
0.1803

 120.1380,
111.2855, 86.6488

 1.0004, 0.4660,
0.0000

151.2262,
141.4329, 113.1500

 0.0000, 0.0000,
0.0000

187.2622,

176.5855, 144.5690

228.6112,
217.1276, 181.3242

■ 26.1246, 22.1721,
13.2586

■ 26.1246, 22.1721,
13.2586

■ 24.0394, 19.1144,
9.1332

■ 28.6097, 25.7392,
18.4130

■ 22.3304, 16.5392,
5.9654

■ 31.5133, 29.8344,
24.6584

■ 20.9738, 14.4216,
3.6769


■ 34.8547, 34.4798,
32.0535


■ 19.9421, 12.7336,
2.1760


■ 38.6516, 39.6948,
40.6524


■ 19.1982, 11.4411,
1.3257


■ 42.9206, 45.4982,
50.5058

 19.0418, 11.1679,
1.1520

 47.6774, 51.9077,
61.6614

 52.9372, 58.9403,
74.1645

 58.7143, 66.6124,
88.0581

 65.0225, 74.9397,
103.3833

Harmonies

Analogous

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



28.0884, 22.1721, 19.7958



26.1246, 22.1721, 13.2586



22.8994, 22.1721, 10.2004

Triad

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



26.1246, 22.1721, 13.2586



15.3707, 22.1721, 19.4062



22.7346, 22.1721, 47.2959

Complementary

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



26.1246, 22.1721, 13.2586



24.3378, 29.2770, 45.9632

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.



19.3481, 22.1721, 47.1083



26.1246, 22.1721, 13.2586



15.3368, 22.1721, 29.0811

Square

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



26.1246, 22.1721, 13.2586



16.8184, 22.1721, 13.0400



16.7201, 22.1721, 39.7741



25.9928, 22.1721, 40.2330

Rectangle

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



26.1246, 22.1721, 13.2586



20.5869, 22.1721, 9.8395



16.7201, 22.1721, 39.7741



21.5686, 22.1721, 48.1284

Sweetspot

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



26.1252, 22.1732, 13.2590



64.5215, 64.6449, 62.1229



28.0466, 19.5763, 33.7529



13.6827, 13.5960, 12.7875



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.1252, 22.1732, 13.2590



42.8795, 33.9743, 16.0233



31.9958, 33.9144, 15.2159



8.6633, 8.8391, 8.9020



13.8383, 8.1751, 0.8486



0.4826, 0.3515, 0.0424

Inverse Universe

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



24.3378, 29.2770, 45.9632



39.2425, 48.1570, 81.7222



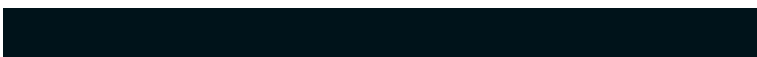
18.4675, 17.5363, 44.0064



8.5591, 9.2645, 10.8434



11.8511, 14.5026, 32.3117



0.4159, 0.5423, 1.0310

Previews

White Background



This preview shows how the XYZ color 26.1246, 22.1721, 13.2586 looks on a white background.

Color Contrast Check

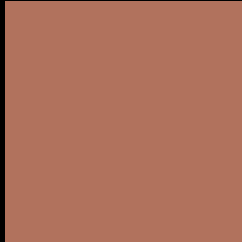
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1246, 22.1721, 13.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

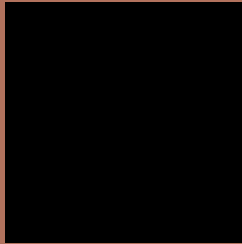
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1246, 22.1721, 13.2586

Background



This preview shows how black text looks on a background with the XYZ color 26.1246, 22.1721, 13.2586.



This preview shows how white text looks on a background with the XYZ color 26.1246, 22.1721,

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

26.1246, 22.1721, 13.2586

Protanopia

20.9303, 22.3743, 15.2721

Deuteranopia

22.6135, 22.1392, 12.9790



Tritanopia

27.4961, 22.0675, 20.2630

Trichromacy



Original Color

26.1246, 22.1721, 13.2586

Protanomaly

22.5022, 22.0507, 14.3795

Deuteranomaly

23.7525, 21.9922, 13.1182

Tritanomaly

26.8590, 21.9596, 17.5749

Monochromacy



Original Color

26.1246, 22.1721, 13.2586

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4512, 21.9027, 19.8740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1246, 22.1721, 13.2586 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(177, 114, 93)` looks like.

```
.text, #text, p{  
    color:rgb(177, 114, 93)  
}
```

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(177, 114, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 114, 93) }
```

Border

The CSS property to change the border of an element to XYZ 26.1246, 22.1721, 13.2586 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(177, 114, 93) }
```


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

```
.border{ border-color:rgb(177, 114, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 114, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 114, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 114, 93);  
box-shadow:4px 4px 4px 4px rgb(177, 114,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1246, 22.1721, 13.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 114, 93) }
```

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

```
.background{ background-color: rgb(177,  
114, 93) }
```

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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