

Converting Colors

XYZ(26.1550, 21.4791, 15.5979)

Have a look what the booklet for
XYZ(26.1550, 21.4791, 15.5979)
contains.

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Color

**XYZ(26.1556, 21.4782,
15.5991)**

Conversions

Conversions Part 1

Format	Color
Hex	B16E67
RGB	177, 110, 103
RGB Percent	69%, 43%, 40%
CMY	0.3059, 0.5686, 0.5961
CMYK	0.00, 0.38, 0.42, 0.31
HSL	6°, 32%, 55%
HSV	6°, 42%, 69%
XYZ	26.1556, 21.4782, 15.5991
YIQ	129.2350, 42.1790, 12.0270

Conversions

Conversions Part 2

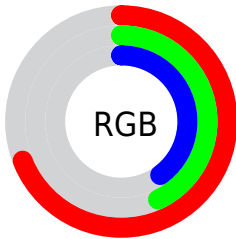
Format	Color
R_{YB}	177, 111, 103
Decimal	11628135
CIE Lab	53.47, 25.79, 15.12
CIE LCh	53, 29.894, 30.391
Yxy	21.4782, 0.4136, 0.3397
Android (android.graphics.Color)	4289818215 (0xFFB16E67)
YUV	129.2350, -12.9339, 41.8899
Hunter-Lab	46.3446, 19.6375, 12.4848

Details

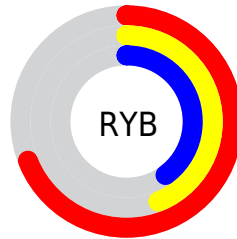
The XYZ color **26.1556, 21.4782, 15.5991** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9035, 34.8061, 46.8427**, and the grayscale version is **20.9827, 22.0754, 24.0401**.

A 20% lighter version of the original color is **53.0140, 45.8359, 36.6249**, and **10.4086, 7.7606, 4.6907** is the 20% darker color. If you saturate the color by 10%, you get **23.7841, 18.0096, 10.8798**, and if you desaturate by 10%, it is **29.0290, 25.6495, 21.4140**.

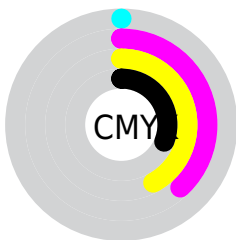
Distribution



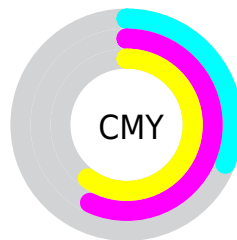
- Red (69%)
- Green (43%)
- Blue (40%)



- Red (69%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1556, 21.4782, 15.5991 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 26.1556, 21.4782, 15.5991 by changing the saturation by 10% instead.


 26.1556, 21.4782,
15.5991


 26.1556, 21.4782,
15.5991


275.7878,
259.8091, 238.7287


 17.0734, 13.4740,
9.0896


 52.9554, 45.8820,
36.6579


 10.3824, 7.7557,
4.7021


 71.4036, 63.0505,
52.0442

 5.7175, 3.9391,
2.0179

 93.7046, 84.0424,
71.2267

 2.7131, 1.6395,
0.5662

 120.2237,
109.2423, 94.6237

 1.0039, 0.3840,
0.0000

151.3262,
139.0345, 122.6539

 0.0000, 0.0000,
0.0000

187.3774,

173.8035, 155.7358

228.7429,
213.9335, 194.2879

■ 26.1556, 21.4782,
15.5991

■ 26.1556, 21.4782,
15.5991

■ 23.7841, 18.0096,
10.8798

■ 29.0290, 25.6495,
21.4140

■ 21.8839, 15.2020,
7.1860

■ 32.4291, 30.5559,
28.3859

■ 20.4239, 13.0142,
4.4419

■ 36.3811, 36.2315,
36.5732

■ 19.3683, 11.3991,
2.5603

■ 40.9082, 42.7076,
46.0300

■ 18.6755, 10.3027,
1.4378

■ 46.0320, 50.0134,
56.8072

■ 18.3281, 9.7404,
0.9141

■ 51.7733, 58.1770,
68.9527

■ 58.1516, 67.2249,
82.5122

■ 65.1857, 77.1827,
97.5293

■ 71.6956, 87.5954,
107.7366

Harmonies

Analogous

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



27.1590, 21.4782, 23.2669



26.1556, 21.4782, 15.5991



23.5867, 21.4782, 11.2268

Triad

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



26.1556, 21.4782, 15.5991



15.5467, 21.4782, 15.7576



20.4561, 21.4782, 45.6297

Complementary

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



26.1556, 21.4782, 15.5991



27.9035, 34.8061, 46.8427

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.



17.5401, 21.4782, 42.1523



26.1556, 21.4782, 15.5991



14.8905, 21.4782, 23.5058

Square

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



26.1556, 21.4782, 15.5991



17.4749, 21.4782, 11.3002



15.5815, 21.4782, 33.4101



23.6663, 21.4782, 41.9756

Rectangle

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



26.1556, 21.4782, 15.5991



21.4521, 21.4782, 10.0214



15.5815, 21.4782, 33.4101



19.4107, 21.4782, 45.2478

Sweetspot

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



26.1562, 21.4793, 15.5995



64.0945, 63.3657, 63.2912



30.3167, 21.9817, 41.0900



13.5464, 13.2389, 13.0021



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.



26.1562, 21.4793, 15.5995



42.9642, 32.7947, 20.2099



30.8844, 30.9358, 17.1756



8.5589, 8.6304, 8.8672



13.3004, 7.0995, 0.6693



0.4395, 0.2655, 0.0281

Inverse Universe

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



27.9035, 34.8061, 46.8427



46.4877, 59.7881, 83.5854



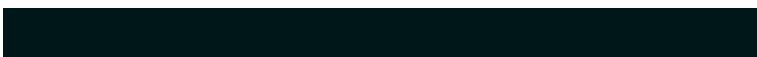
22.0316, 23.0623, 44.8854



8.6726, 9.4913, 10.8812



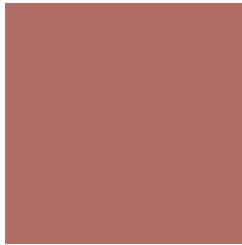
14.9129, 20.6262, 33.3323



0.4890, 0.6886, 1.0554

Previews

White Background



This preview shows how the XYZ color 26.1556, 21.4782, 15.5991 looks on a white background.

Color Contrast Check

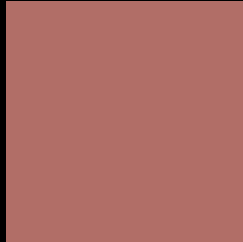
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1556, 21.4782, 15.5991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

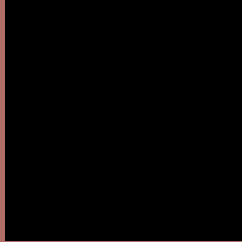
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1556, 21.4782, 15.5991

Background



This preview shows how black text looks on a background with the XYZ color 26.1556, 21.4782, 15.5991.



This preview shows how white text looks on a background with the XYZ color 26.1556, 21.4782,

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

26.1556, 21.4782, 15.5991

Protanopia

20.4753, 21.6765, 18.4341

Deuteranopia

22.0096, 21.5895, 15.3191



Tritanopia

26.8750, 21.4511, 19.2470

Trichromacy



Original Color

26.1556, 21.4782, 15.5991

Protanomaly

22.1754, 21.2629, 17.4034

Deuteranomaly

23.3739, 21.3898, 15.4671

Tritanomaly

26.6980, 21.5500, 17.7913

Monochromacy



Original Color

26.1556, 21.4782, 15.5991

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2038, 21.3861, 20.7270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1556, 21.4782, 15.5991 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, 110, 103)` looks like.

```
.text, #text, p{  
    color:rgb(177, 110, 103)  
}
```

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, 110, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 110, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.1556, 21.4782, 15.5991 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, 110, 103) }
```


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

```
.border{ border-color:rgb(177, 110, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 110, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 110, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 110, 103);  
box-shadow:4px 4px 4px 4px rgb(177, 110,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1556, 21.4782, 15.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 110, 103) }
```

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

```
.background{ background-color: rgb(177,  
110, 103) }
```

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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