

Converting Colors

XYZ(26.0991, 21.1002, 8.6949)

Have a look what the booklet for
XYZ(26.0991, 21.1002, 8.6949)
contains.

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Color

**XYZ(26.1622, 21.1607,
8.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	B86B47
RGB	184, 107, 71
RGB Percent	72%, 42%, 28%
CMY	0.2784, 0.5804, 0.7216
CMYK	0.00, 0.42, 0.61, 0.28
HSL	19°, 44%, 50%
HSV	19°, 61%, 72%
XYZ	26.1622, 21.1607, 8.6668
YIQ	125.9190, 57.4480, 5.1280

Conversions

Conversions Part 2

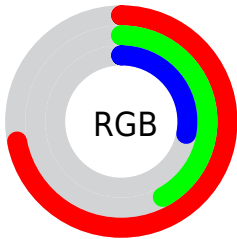
Format	Color
R_{YB}	184, 124, 71
Decimal	12086087
CIE _{Lab}	53.12, 27.30, 33.15
CIE _{LCh}	53, 42.941, 50.530
Yxy	21.1607, 0.4673, 0.3779
Android (android.graphics.Color)	4290276167 (0xFFB86B47)
YUV	125.9190, -27.0751, 50.9370
Hunter-Lab	46.0008, 21.0177, 21.0300

Details

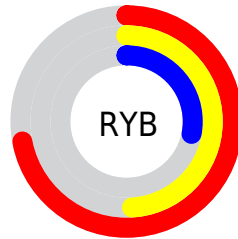
The XYZ color **26.1622, 21.1607, 8.6668** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.8395, 25.9787, 49.2104**, and the grayscale version is **19.8797, 20.9150, 22.7764**.

A 20% lighter version of the original color is **52.7505, 45.2070, 23.7149**, and **10.4409, 7.6083, 1.8380** is the 20% darker color. If you saturate the color by 10%, you get **24.4450, 18.5326, 5.6091**, and if you desaturate by 10%, it is **28.2487, 24.2416, 12.7300**.

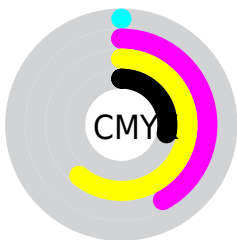
Distribution



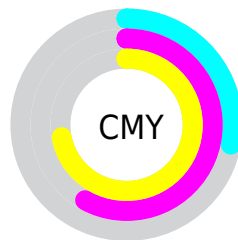
- Red (72%)
- Green (42%)
- Blue (28%)



- Red (72%)
- Yellow (49%)
- Blue (28%)



- Cyan (0%)
- Magenta (42%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1622, 21.1607, 8.6668 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 26.1622, 21.1607, 8.6668 by changing the saturation by 10% instead.


 26.1622, 21.1607,
8.6668


 26.1622, 21.1607,
8.6668


275.8195,
258.1313, 190.9980


 17.0783, 13.2415,
4.4307


 52.9659, 45.3548,
23.8230


 10.3860, 7.5951,
1.8645


 71.4165, 62.3986,
35.5802


 5.7199, 3.8370,
0.4700

 93.7201, 83.2526,
50.6815

 2.7145, 1.5828,
0.0000

 120.2419,
108.3014, 69.5454

 1.0047, 0.3459,
0.0000

 151.3474,
137.9292, 92.5904

 0.0000, 0.0000,
0.0000

187.4020,

172.5206, 120.2352

228.7709,
212.4598, 152.8982

■ 26.1622, 21.1607,
8.6668

■ 26.1622, 21.1607,
8.6668

■ 24.4450, 18.5326,
5.6091

■ 28.2487, 24.2416,
12.7300

■ 23.0708, 16.3311,
3.4649

■ 30.7254, 27.7930,
17.8772

■ 22.0115, 14.5320,
2.1273

■ 33.6130, 31.8359,
24.1802

■ 21.3119, 13.2800,
1.4400

■ 36.9303, 36.3886,
31.7044

■ 40.6950, 41.4687,
40.5103

■ 44.9237, 47.0928,
50.6543

■ 49.6319, 53.2767,
62.1893

■ 54.8347, 60.0357,
75.1656

■ 60.5463, 67.3843,
89.6308

Harmonies

Analogous

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



29.4047, 21.1607, 15.3636



26.1622, 21.1607, 8.6668



21.5775, 21.1607, 6.1714

Triad

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



26.1622, 21.1607, 8.6668



12.6968, 21.1607, 19.1810



23.3190, 21.1607, 55.1174

Complementary

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



26.1622, 21.1607, 8.6668



21.8395, 25.9787, 49.2104

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.



18.7155, 21.1607, 57.3694



26.1622, 21.1607, 8.6668



13.0187, 21.1607, 32.9243

Square

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



26.1622, 21.1607, 8.6668



14.1189, 21.1607, 10.5584



15.0758, 21.1607, 48.1083



27.5999, 21.1607, 42.7740

Rectangle

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



26.1622, 21.1607, 8.6668



18.5649, 21.1607, 6.2047



15.0758, 21.1607, 48.1083



21.7440, 21.1607, 57.2226

Sweetspot

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



26.1627, 21.1618, 8.6672



68.9815, 68.7258, 62.1855



27.3829, 16.8419, 29.9146



14.4622, 14.2613, 12.4589



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.1627, 21.1618, 8.6672



43.2895, 31.9796, 8.4950



34.0520, 36.9403, 11.2969



9.2319, 9.4668, 9.4476



14.7454, 9.2671, 1.0116



0.5773, 0.4416, 0.0548

Inverse Universe

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



21.8395, 25.9787, 49.2104



34.6617, 41.2504, 88.3399



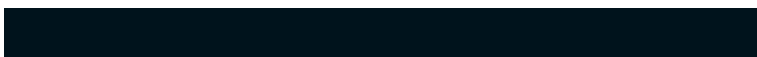
15.0531, 12.4058, 46.9483



9.0189, 9.7149, 11.4793



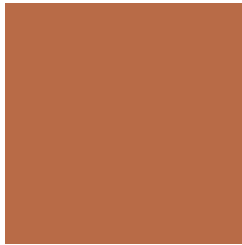
11.1155, 12.6906, 33.1168



0.4450, 0.5536, 1.1852

Previews

White Background



This preview shows how the XYZ color 26.1622, 21.1607, 8.6668 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 26.1622, 21.1607, 8.6668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

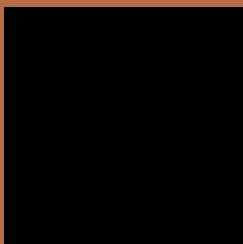
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1622, 21.1607, 8.6668

Background



This preview shows how black text looks on a background with the XYZ color 26.1622, 21.1607, 8.6668.



This preview shows how white text looks on a background with the XYZ color 26.1622, 21.1607,

8.6668.

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

26.1622, 21.1607, 8.6668

Protanopia

19.6120, 21.2178, 10.2695

Deuteranopia

21.5911, 21.1600, 8.4152



Tritanopia

28.0594, 21.1933, 17.3637

Trichromacy



Original Color

26.1622, 21.1607, 8.6668

Protanomaly

21.5040, 20.9095, 9.5592

Deuteranomaly

23.0455, 21.0274, 8.4743

Tritanomaly

27.3113, 21.1843, 13.7158

Monochromacy



Original Color

26.1622, 21.1607, 8.6668

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.2310, 20.4373, 16.4615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1622, 21.1607, 8.6668 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(184, 107, 71)` looks like.

```
.text, #text, p{  
    color:rgb(184, 107, 71)  
}
```

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(184, 107, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 107, 71) }
```

Border

The CSS property to change the border of an element to XYZ 26.1622, 21.1607, 8.6668 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(184, 107, 71) }
```


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

```
.border{ border-color:rgb(184, 107, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 107, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 107, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 107, 71);  
box-shadow:4px 4px 4px 4px rgb(184, 107,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1622, 21.1607, 8.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 107, 71) }
```

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

```
.background{ background-color: rgb(184,  
107, 71) }
```

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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