

Converting Colors

XYZ(26.4489, 22.0650, 14.0257)

Have a look what the booklet for
XYZ(26.4489, 22.0650, 14.0257)
contains.

XYZ(26.2656, 21.8978, 13.9087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2656, 21.8978,
13.9087)**

Conversions

Conversions Part 1

Format	Color
Hex	B27060
RGB	178, 112, 96
RGB Percent	70%, 44%, 38%
CMY	0.3020, 0.5608, 0.6235
CMYK	0.00, 0.37, 0.46, 0.30
HSL	12°, 35%, 54%
HSV	12°, 46%, 70%
XYZ	26.2656, 21.8978, 13.9087
YIQ	129.9100, 44.4720, 9.0160

Conversions

Conversions Part 2

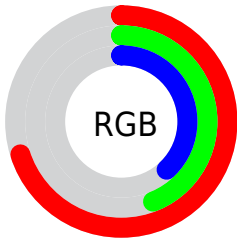
Format	Color
R_{YB}	178, 116, 96
Decimal	11694176
CIE Lab	53.92, 24.30, 19.82
CIE LCh	54, 31.363, 39.202
Yxy	21.8978, 0.4231, 0.3528
Android (android.graphics.Color)	4289884256 (0xFFB27060)
YUV	129.9100, -16.7176, 42.1749
Hunter-Lab	46.7951, 18.2988, 15.1341

Details

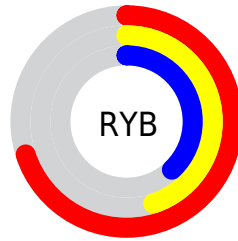
The XYZ color **26.2656, 21.8978, 13.9087** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7796, 31.5406, 46.8487**, and the grayscale version is **21.2330, 22.3387, 24.3269**.

A 20% lighter version of the original color is **53.1340, 46.4904, 33.7768**, and **10.3793, 7.9229, 3.9998** is the 20% darker color. If you saturate the color by 10%, you get **24.0801, 18.6933, 9.5846**, and if you desaturate by 10%, it is **28.8893, 25.6818, 19.2947**.

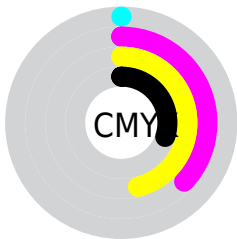
Distribution



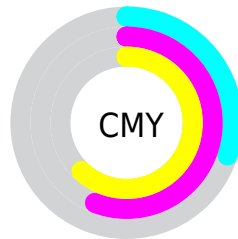
- Red (70%)
- Green (44%)
- Blue (38%)



- Red (70%)
- Yellow (45%)
- Blue (38%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (30%)



- Cyan (30%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2656, 21.8978, 13.9087 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 26.2656, 21.8978, 13.9087 by changing the saturation by 10% instead.

■ 26.2656, 21.8978,
13.9087

■ 26.2656, 21.8978,
13.9087

276.3163,
262.0121, 228.0708

■ 17.1562, 13.7818,
7.9192

■ 53.1314, 46.5770,
33.6417

■ 10.4419, 7.9691,
3.9562

■ 71.6184, 63.9091,
48.2223

■ 5.7574, 4.0752,
1.6014

■ 93.9620, 85.0819,
66.5037

■ 2.7374, 1.7157,
0.2918

■ 120.5276,
110.4800, 88.9043

■ 1.0165, 0.4338,
0.0000

151.6804,
140.4876, 115.8428

■ 0.0000, 0.0000,
0.0000

187.7859,

175.4893, 147.7377

229.2095,
215.8693, 185.0075

■ 26.2656, 21.8978,
13.9087

■ 26.2656, 21.8978,
13.9087

■ 24.0801, 18.6933,
9.5846

■ 28.8893, 25.6818,
19.2947

■ 22.3067, 16.0361,
6.2503

■ 31.9720, 30.0687,
25.8057

■ 20.9186, 13.8960,
3.8270


■ 35.5355, 35.0847,
33.5010


■ 19.8854, 12.2383,
2.2226


■ 39.5992, 40.7534,
42.4358


■ 19.1699, 11.0233,
1.3184


■ 44.1819, 47.0972,
52.6616

 18.9535, 10.6518,
1.0570

 49.3010, 54.1375,
64.2268

 54.9734, 61.8946,
77.1777

 61.2150, 70.3882,
91.5581

 67.8473, 79.5593,
106.3883

Harmonies

Analogous

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



27.9091, 21.8978, 20.9889



26.2656, 21.8978, 13.9087



23.2067, 21.8978, 10.3341

Triad

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



26.2656, 21.8978, 13.9087



15.3104, 21.8978, 17.8269



21.8698, 21.8978, 47.3350

Complementary

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



26.2656, 21.8978, 13.9087



25.7796, 31.5406, 46.8487

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.



18.5902, 21.8978, 45.8145



26.2656, 21.8978, 13.9087



15.0352, 21.8978, 26.9447

Square

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



26.2656, 21.8978, 13.9087



16.9703, 21.8978, 12.1340



16.1730, 21.8978, 37.6458



25.1964, 21.8978, 41.3668

Rectangle

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



26.2656, 21.8978, 13.9087



20.9038, 21.8978, 9.6560



16.1730, 21.8978, 37.6458



20.7229, 21.8978, 47.7115

Sweetspot

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



26.2662, 21.8989, 13.9091



65.7173, 65.4100, 63.5379



29.1510, 20.4741, 37.0502



14.2290, 14.0287, 13.3551



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.



26.2662, 21.8989, 13.9091



43.7091, 33.9602, 17.4608



31.7052, 32.7769, 15.7221



8.6262, 8.7649, 8.8897



13.5976, 7.6938, 0.7684



0.4674, 0.3211, 0.0374

Inverse Universe

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



25.7796, 31.5406, 46.8487



42.6777, 53.4915, 84.4567



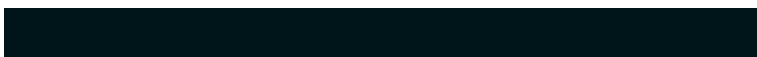
19.8154, 19.6123, 44.8607



8.5989, 9.3441, 10.8567



12.8500, 16.5004, 32.6446



0.4404, 0.5913, 1.0392

Previews

White Background



This preview shows how the XYZ color 26.2656, 21.8978, 13.9087 looks on a white background.

Color Contrast Check

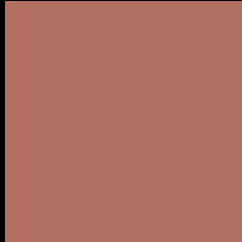
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2656, 21.8978, 13.9087 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 26.2656, 21.8978, 13.9087

Background



This preview shows how black text looks on a background with the XYZ color 26.2656, 21.8978, 13.9087.



This preview shows how white text looks on a background with the XYZ color 26.2656, 21.8978,

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

26.2656, 21.8978, 13.9087

Protanopia

20.6655, 22.0184, 16.2575

Deuteranopia

22.3649, 21.9958, 13.6565



Tritanopia

27.5019, 21.9249, 19.6120

Trichromacy



Original Color

26.2656, 21.8978, 13.9087

Protanomaly

22.3808, 21.7809, 15.3365

Deuteranomaly

23.6823, 21.9405, 13.8132

Tritanomaly

26.9267, 21.8397, 17.2643

Monochromacy



Original Color

26.2656, 21.8978, 13.9087

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.3856, 21.6770, 20.1438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2656, 21.8978, 13.9087 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, 112, 96)` looks like.

```
.text, #text, p{  
    color:rgb(178, 112, 96)  
}
```

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, 112, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 112, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.2656, 21.8978, 13.9087 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, 112, 96) }
```


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

```
.border{ border-color:rgb(178, 112, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 112, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 112, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 112, 96);  
box-shadow:4px 4px 4px 4px rgb(178, 112,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2656, 21.8978, 13.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 112, 96) }
```

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

```
.background{ background-color: rgb(178,  
112, 96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor