

Converting Colors

XYZ(26.0860, 21.8260, 12.9632)

Have a look what the booklet for
XYZ(26.0860, 21.8260, 12.9632)
contains.

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Color

**XYZ(26.0860, 21.8260,
12.9632)**

Conversions

Conversions Part 1

Format	Color
Hex	B2705C
RGB	178, 112, 92
RGB Percent	70%, 44%, 36%
CMY	0.3020, 0.5608, 0.6392
CMYK	0.00, 0.37, 0.48, 0.30
HSL	14°, 36%, 53%
HSV	14°, 48%, 70%
XYZ	26.0860, 21.8260, 12.9632
YIQ	129.4540, 45.7560, 7.7720

Conversions

Conversions Part 2

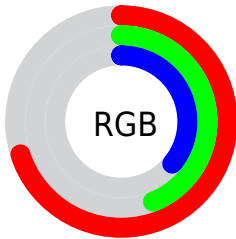
Format	Color
R_{YB}	178, 118, 92
Decimal	11694172
CIE Lab	53.84, 23.89, 22.03
CIE LCh	54, 32.495, 42.678
Yxy	21.8260, 0.4285, 0.3585
Android (android.graphics.Color)	4289884252 (0xFFB2705C)
YUV	129.4540, -18.4648, 42.5748
Hunter-Lab	46.7183, 17.9116, 16.2513

Details

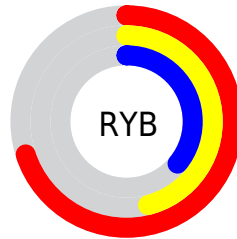
The XYZ color **26.0860, 21.8260, 12.9632** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6757, 29.9420, 46.5981**, and the grayscale version is **21.0777, 22.1754, 24.1490**.

A 20% lighter version of the original color is **52.7500, 46.3368, 31.7549**, and **10.2967, 7.8898, 3.5650** is the 20% darker color. If you saturate the color by 10%, you get **24.0029, 18.7622, 8.8705**, and if you desaturate by 10%, it is **28.5817, 25.4224, 18.0957**.

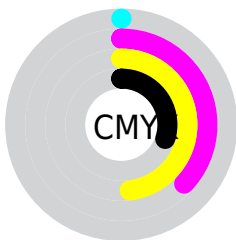
Distribution



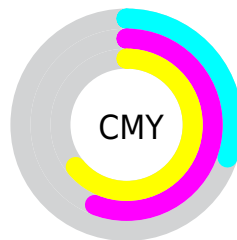
- Red (70%)
- Green (44%)
- Blue (36%)



- Red (70%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0860, 21.8260, 12.9632 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 26.0860, 21.8260, 12.9632 by changing the saturation by 10% instead.


 26.0860, 21.8260,
12.9632


 26.0860, 21.8260,
12.9632


275.4530,
261.6363, 221.8812


 17.0210, 13.7291,
7.2728

 52.8440, 46.4582,
31.9279


 10.3449, 7.9325,
3.5523


 71.2676, 63.7624,
46.0392

 5.6922, 4.0518,
1.3831


 93.5416, 84.9044,
63.7946

 2.6977, 1.7026,
0.1285

 120.0312,
110.2687, 85.6126

 0.9960, 0.4253,
0.0000

151.1018,
140.2396, 111.9117

 0.0000, 0.0000,
0.0000

187.1187,

175.2016, 143.1105

228.4473,
215.5390, 179.6275

■ 26.0860, 21.8260,
12.9632

■ 26.0860, 21.8260,
12.9632

■ 24.0029, 18.7622,
8.8705

■ 28.5817, 25.4224,
18.0957

■ 22.3075, 16.2020,
5.7446

■ 31.5097, 29.5722,
24.3319

■ 20.9746, 14.1186,
3.5047


■ 34.8904, 34.2988,
31.7319


■ 19.9749, 12.4810,
2.0561


■ 38.7423, 39.6234,
40.3510


■ 19.2663, 11.2511,
1.2424


■ 43.0831, 45.5661,
50.2410

 19.1670, 11.0789,
1.1282

 47.9291, 52.1461,
61.4508

 53.2964, 59.3816,
74.0266

 59.1998, 67.2902,
88.0123

 65.6540, 75.8889,
103.4501

Harmonies

Analogous

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



28.0134, 21.8260, 19.7875



26.0860, 21.8260, 12.9632



22.8101, 21.8260, 9.7234

Triad

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



26.0860, 21.8260, 12.9632



14.9700, 21.8260, 18.4844



22.2545, 21.8260, 47.9104

Complementary

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



26.0860, 21.8260, 12.9632



24.6757, 29.9420, 46.5981

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.



18.8084, 21.8260, 47.2694



26.0860, 21.8260, 12.9632



14.8569, 21.8260, 28.2423

Square

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



26.0860, 21.8260, 12.9632



16.5162, 21.8260, 12.2411



16.1878, 21.8260, 39.3379



25.6401, 21.8260, 40.9007

Rectangle

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



26.0860, 21.8260, 12.9632



20.4327, 21.8260, 9.2616



16.1878, 21.8260, 39.3379



21.0604, 21.8260, 48.6291

Sweetspot

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



26.0865, 21.8271, 12.9636



66.0111, 65.9976, 63.6358



28.4771, 19.6354, 35.2570



14.3021, 14.1747, 13.3794



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.



26.0865, 21.8271, 12.9636



43.2938, 33.6751, 15.6404



31.7870, 33.2280, 14.8638



8.6515, 8.8155, 8.8981



13.7554, 8.0093, 0.8210



0.4777, 0.3418, 0.0408

Inverse Universe

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



24.6757, 29.9420, 46.5981



40.3786, 50.0497, 83.9136



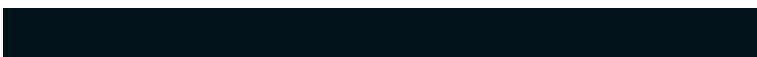
18.7374, 18.0654, 44.6187



8.5718, 9.2897, 10.8476



12.1591, 15.1185, 32.4143



0.4235, 0.5576, 1.0335

Previews

White Background



This preview shows how the XYZ color 26.0860, 21.8260, 12.9632 looks on a white background.

Color Contrast Check

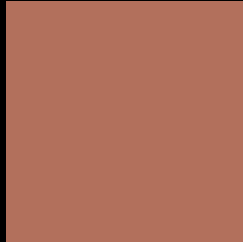
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0860, 21.8260, 12.9632 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 26.0860, 21.8260, 12.9632

Background



This preview shows how black text looks on a background with the XYZ color 26.0860, 21.8260, 12.9632.



This preview shows how white text looks on a background with the XYZ color 26.0860, 21.8260,

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

26.0860, 21.8260, 12.9632

Protanopia

20.5836, 22.0046, 14.9668

Deuteranopia

22.3795, 22.0235, 12.7443



Tritanopia

27.5019, 21.9249, 19.6120

Trichromacy



Original Color

26.0860, 21.8260, 12.9632

Protanomaly

22.3311, 21.7828, 14.0938

Deuteranomaly

23.7091, 21.9748, 12.8895

Tritanomaly

26.8731, 21.8183, 16.9823

Monochromacy



Original Color

26.0860, 21.8260, 12.9632

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2680, 21.6299, 19.5243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0860, 21.8260, 12.9632 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(178, 112, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 112, 92) }
```

Border

The CSS property to change the border of an element to XYZ 26.0860, 21.8260, 12.9632 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, 92) }
```


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

```
.border{ border-color:rgb(178, 112, 92) }
```

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, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 112, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 112, 92);  
box-shadow:4px 4px 4px 4px rgb(178, 112,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0860, 21.8260, 12.9632 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, 92) }
```

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

```
.background{ background-color: rgb(178,  
112, 92) }
```

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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