

Converting Colors

XYZ(26.6378, 20.6990, 13.1810)

Have a look what the booklet for
XYZ(26.6378, 20.6990, 13.1810)
contains.

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Color

**XYZ(26.6378, 20.6990,
13.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	B8675E
RGB	184, 103, 94
RGB Percent	72%, 40%, 37%
CMY	0.2784, 0.5961, 0.6314
CMYK	0.00, 0.44, 0.49, 0.28
HSL	6°, 39%, 55%
HSV	6°, 49%, 72%
XYZ	26.6378, 20.6990, 13.1810
YIQ	126.1930, 51.1650, 14.3730

Conversions

Conversions Part 2

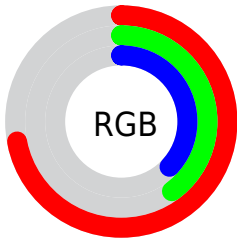
Format	Color
RYB	184, 104, 94
Decimal	12085086
CIELab	52.62, 31.44, 19.37
CIELCh	53, 36.927, 31.639
Yxy	20.6990, 0.4402, 0.3420
Android (android.graphics.Color)	4290275166 (0xFFB8675E)
YUV	126.1930, -15.8711, 50.6967
Hunter-Lab	45.4962, 24.8927, 14.6700

Details

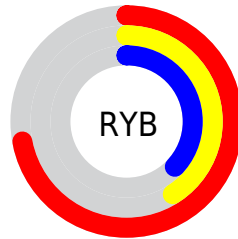
The XYZ color **26.6378, 20.6990, 13.1810** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.5969, 36.4985, 50.8850**, and the grayscale version is **19.9376, 20.9759, 22.8427**.

A 20% lighter version of the original color is **53.7175, 44.5110, 32.1458**, and **10.6051, 7.3638, 3.6587** is the 20% darker color. If you saturate the color by 10%, you get **24.4213, 17.4337, 8.8428**, and if you desaturate by 10%, it is **29.3783, 24.6975, 18.6652**.

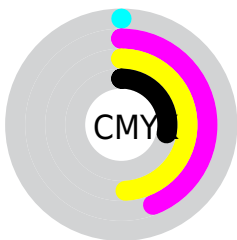
Distribution



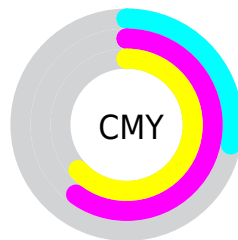
- Red (72%)
- Green (40%)
- Blue (37%)



- Red (72%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (44%)
- Yellow (49%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6378, 20.6990, 13.1810 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 26.6378, 20.6990, 13.1810 by changing the saturation by 10% instead.

■ 26.6378, 20.6990,
13.1810

■ 26.6378, 20.6990,
13.1810

278.0987,
255.6745, 223.3228

■ 17.4366, 12.9042,
7.4211

■ 53.7261, 44.5860,
32.3245

■ 10.6435, 7.3626,
3.6444

■ 72.3439, 61.4470,
46.5452

■ 5.8931, 3.6899,
1.4324

■ 94.8312, 82.0989,
64.4233

■ 2.8203, 1.5016,
0.1668

■ 121.5535,
106.9260, 86.3773

■ 1.0594, 0.2899,
0.0000

152.8760,
136.3127, 112.8256

■ 0.0000, 0.0000,
0.0000

189.1641,

170.6434, 144.1870

230.7833,
210.3025, 180.8799

■ 26.6378, 20.6990,
13.1810

■ 26.6378, 20.6990,
13.1810

■ 24.4213, 17.4337,
8.8428

■ 29.3783, 24.6975,
18.6652

■ 22.6938, 14.8540,
5.5682

■ 32.6719, 29.4667,
25.3677

■ 21.4182, 12.9117,
3.2656


■ 36.5473, 35.0453,
33.3561


■ 20.5514, 11.5511,
1.8271


■ 41.0308, 41.4685,
42.6927

■ 20.0320, 10.7025,
1.0674


■ 46.1470, 48.7693,
53.4360

 19.9901, 10.6363,
0.9994

 51.9193, 56.9792,
65.6407

 58.3698, 66.1279,
79.3588

 65.5196, 76.2437,
94.6396

 72.6390, 87.0541,
107.5824

Harmonies

Analogous

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



27.9970, 20.6990, 21.9394



26.6378, 20.6990, 13.1810



23.3858, 20.6990, 8.6007

Triad

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



26.6378, 20.6990, 13.1810



13.8757, 20.6990, 13.9258



19.8853, 20.6990, 50.8988

Complementary

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



26.6378, 20.6990, 13.1810



28.5969, 36.4985, 50.8850

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.



16.3769, 20.6990, 46.6760



26.6378, 20.6990, 13.1810



13.1890, 20.6990, 23.1468

Square

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



26.6378, 20.6990, 13.1810



16.0560, 20.6990, 8.9222



14.0434, 20.6990, 35.5195



23.7979, 20.6990, 45.7020

Rectangle

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



26.6378, 20.6990, 13.1810



20.7648, 20.6990, 7.4423



14.0434, 20.6990, 35.5195



18.6216, 20.6990, 50.5285

Sweetspot

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



26.6383, 20.7001, 13.1814



69.0978, 67.6119, 66.3751



31.5077, 21.2910, 43.0063



14.5417, 14.0675, 13.5728



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.



26.6383, 20.7001, 13.1814



43.8925, 31.0426, 15.3024



32.3775, 32.1784, 15.0944



9.0750, 9.1529, 9.3953



13.8023, 7.3809, 0.6972



0.5107, 0.3085, 0.0326

Inverse Universe

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



28.5969, 36.4985, 50.8850



47.8248, 63.0340, 91.8508



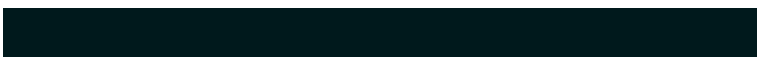
21.2506, 21.8058, 48.4362



9.1878, 10.0529, 11.5356



15.3389, 21.1374, 34.5246



0.5631, 0.7898, 1.2245

Previews

White Background



This preview shows how the XYZ color 26.6378, 20.6990, 13.1810 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 26.6378, 20.6990, 13.1810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

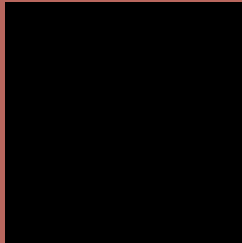
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6378, 20.6990, 13.1810

Background



This preview shows how black text looks on a background with the XYZ color 26.6378, 20.6990, 13.1810.



This preview shows how white text looks on a background with the XYZ color 26.6378, 20.6990,

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

26.6378, 20.6990, 13.1810

Protanopia

19.6324, 20.9077, 16.0976

Deuteranopia

21.3034, 20.9141, 12.8115



Tritanopia

27.3680, 20.7044, 16.7412

Trichromacy



Original Color

26.6378, 20.6990, 13.1810

Protanomaly

21.7276, 20.5524, 14.8784

Deuteranomaly

22.8494, 20.4887, 12.8756

Tritanomaly

27.2071, 20.7963, 15.4121

Monochromacy



Original Color

26.6378, 20.6990, 13.1810

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5483, 20.3748, 18.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6378, 20.6990, 13.1810 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, 103, 94)` looks like.

```
.text, #text, p{  
  color:rgb(184, 103, 94)  
}
```

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, 103, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 103, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.6378, 20.6990, 13.1810 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, 103, 94) }
```


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

```
.border{ border-color:rgb(184, 103, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 103, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 103, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 103, 94);  
box-shadow:4px 4px 4px 4px rgb(184, 103,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6378, 20.6990, 13.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 103, 94) }
```

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

```
.background{ background-color: rgb(184,  
103, 94) }
```

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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