

Converting Colors

XYZ(26.2021, 21.0945, 12.5882)

Have a look what the booklet for
XYZ(26.2021, 21.0945, 12.5882)
contains.

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Color

**XYZ(26.2021, 21.0945,
12.5882)**

Conversions

Conversions Part 1

Format	Color
Hex	B56B5B
RGB	181, 107, 91
RGB Percent	71%, 42%, 36%
CMY	0.2902, 0.5804, 0.6431
CMYK	0.00, 0.41, 0.50, 0.29
HSL	11°, 38%, 53%
HSV	11°, 50%, 71%
XYZ	26.2021, 21.0945, 12.5882
YIQ	127.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

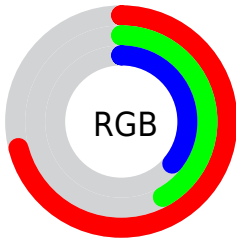
Format	Color
RYB	181, 110, 91
Decimal	11889499
CIELab	53.05, 27.77, 21.63
CIELCh	53, 35.199, 37.906
Yxy	21.0945, 0.4375, 0.3523
Android (android.graphics.Color)	4290079579 (0xFFB56B5B)
YUV	127.3020, -17.8969, 47.0931
Hunter-Lab	45.9287, 21.4580, 15.8999

Details

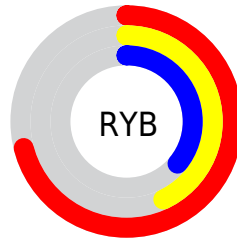
The XYZ color **26.2021, 21.0945, 12.5882** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1093, 32.4691, 48.6070**, and the grayscale version is **20.3250, 21.3835, 23.2866**.

A 20% lighter version of the original color is **52.8025, 45.0701, 31.1157**, and **10.4442, 7.5755, 3.3944** is the 20% darker color. If you saturate the color by 10%, you get **24.0932, 17.9792, 8.4866**, and if you desaturate by 10%, it is **28.7674, 24.8213, 17.7713**.

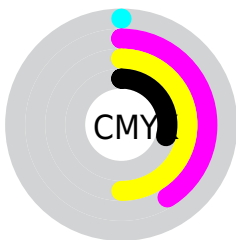
Distribution



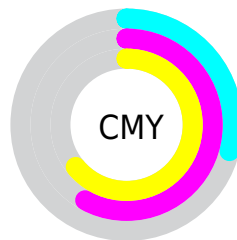
- Red (71%)
- Green (42%)
- Blue (36%)



- Red (71%)
- Yellow (43%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (29%)





- Cyan (29%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2021, 21.0945, 12.5882 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 26.2021, 21.0945, 12.5882 by changing the saturation by 10% instead.


 26.2021, 21.0945,
12.5882


 26.2021, 21.0945,
12.5882


276.0113,
257.7803, 219.3757


 17.1084, 13.1931,
7.0182


 53.0298, 45.2448,
31.2422

 10.4076, 7.5616,
3.3949


 71.4944, 62.2624,
45.1633

 5.7343, 3.8158,
1.2996

 93.8135, 83.0876,
62.7053

 2.7233, 1.5710,
0.0615

 120.3522,
108.1047, 84.2865

 1.0092, 0.3380,
0.0000

151.4760,
137.6981, 110.3256

 0.0000, 0.0000,
0.0000

187.5502,

172.2523, 141.2412

228.9402,
212.1515, 177.4517

■ 26.2021, 21.0945,
12.5882

■ 26.2021, 21.0945,
12.5882

■ 24.0932, 17.9792,
8.4866

■ 28.7674, 24.8213,
17.7713

■ 22.4117, 15.4394,
5.3884

■ 31.8126, 29.1867,
24.1043

■ 21.1276, 13.4401,
3.2064


■ 35.3615, 34.2201,
31.6513


■ 20.2060, 11.9410,
1.8383


■ 39.4357, 39.9482,
40.4713


■ 19.5915, 10.8904,
1.0839

■ 44.0558, 46.3960,
50.6194

 19.5776, 10.8668,
1.0657

 49.2409, 53.5875,
62.1475

 55.0094, 61.5453,
75.1048

 61.3789, 70.2914,
89.5379

 68.3662, 79.8465,
105.4914

Harmonies

Analogous

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



27.9528, 21.0945, 20.2785



26.2021, 21.0945, 12.5882



22.8459, 21.0945, 8.7912

Triad

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



26.2021, 21.0945, 12.5882



14.1546, 21.0945, 16.1266



21.0442, 21.0945, 49.6321

Complementary

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



26.2021, 21.0945, 12.5882



26.1093, 32.4691, 48.6070

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.



17.4915, 21.0945, 47.4872



26.2021, 21.0945, 12.5882



13.7972, 21.0945, 25.8861

Square

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



26.2021, 21.0945, 12.5882



15.9893, 21.0945, 10.3527



14.9447, 21.0945, 37.8952



24.7451, 21.0945, 43.0830

Rectangle

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



26.2021, 21.0945, 12.5882



20.3107, 21.0945, 8.0327



14.9447, 21.0945, 37.8952



19.7910, 21.0945, 49.9337

Sweetspot

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



26.2026, 21.0956, 12.5886



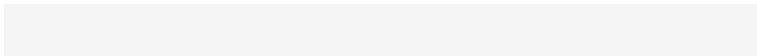
66.4769, 65.7195, 63.4642



29.6801, 20.0593, 38.3839



14.0479, 13.7536, 13.0256



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.



26.2026, 21.0956, 12.5886



42.7237, 31.5624, 14.3924



32.0110, 32.7124, 14.5247



8.6145, 8.7416, 8.8858



13.5336, 7.5657, 0.7470



0.4626, 0.3115, 0.0358

Inverse Universe

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



26.1093, 32.4691, 48.6070



42.4777, 54.2270, 86.5227



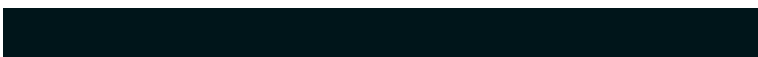
19.4924, 19.2353, 46.4014



8.6116, 9.3694, 10.8609



13.1841, 17.1686, 32.7560



0.4484, 0.6074, 1.0418

Previews

White Background



This preview shows how the XYZ color 26.2021, 21.0945, 12.5882 looks on a white background.

Color Contrast Check

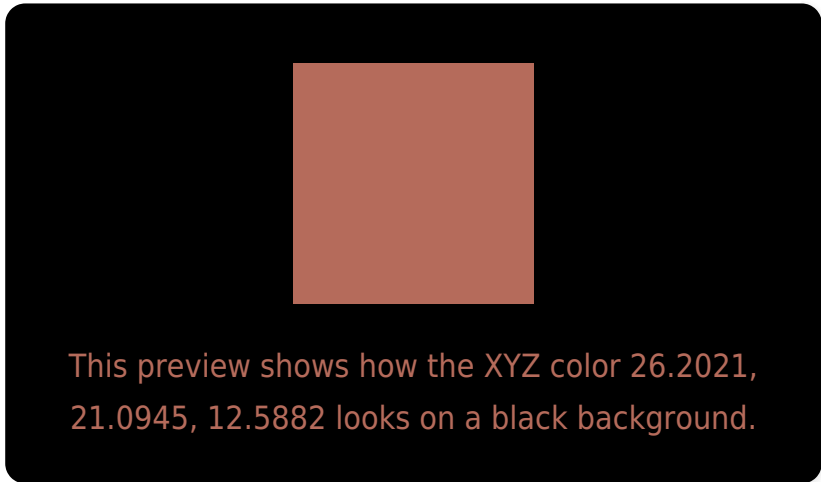
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 26.2021, 21.0945, 12.5882

Background



This preview shows how black text looks on a background with the XYZ color 26.2021, 21.0945, 12.5882.



This preview shows how white text looks on a background with the XYZ color 26.2021, 21.0945,

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

26.2021, 21.0945, 12.5882

Protanopia

19.8813, 21.2497, 15.1103

Deuteranopia

21.6699, 21.2990, 12.2015



Tritanopia

27.4034, 21.1378, 17.9649

Trichromacy



Original Color

26.2021, 21.0945, 12.5882

Protanomaly

21.8230, 20.9714, 14.2069

Deuteranomaly

23.2687, 21.2304, 12.3227

Tritanomaly

26.8417, 21.0477, 15.7446

Monochromacy



Original Color

26.2021, 21.0945, 12.5882

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.7864, 20.8509, 18.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2021, 21.0945, 12.5882 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(181, 107, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 107, 91)  
}
```

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(181, 107, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 107, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.2021, 21.0945, 12.5882 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(181, 107, 91) }
```


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

```
.border{ border-color:rgb(181, 107, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 107, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 107, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 107, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 107,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2021, 21.0945, 12.5882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 107, 91) }
```

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

```
.background{ background-color: rgb(181,  
107, 91) }
```

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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