

Converting Colors

XYZ(26.8401, 20.9543, 18.5730)

Have a look what the booklet for
XYZ(26.8401, 20.9543, 18.5730)
contains.

XYZ(26.9112, 21.0214, 18.5587)	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(26.9112, 21.0214,
18.5587)**

Conversions

Conversions Part 1

Format	Color
Hex	B46972
RGB	180, 105, 114
RGB Percent	71%, 41%, 45%
CMY	0.2941, 0.5882, 0.5529
CMYK	0.00, 0.42, 0.37, 0.29
HSL	353°, 33%, 56%
HSV	353°, 42%, 71%
XYZ	26.9112, 21.0214, 18.5587
YIQ	128.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

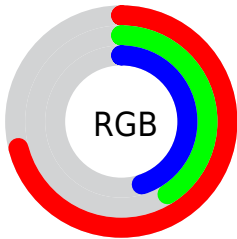
Format	Color
R_{YB}	180, 105, 114
Decimal	11823474
CIE _{Lab}	52.97, 31.03, 8.03
CIE _{LCh}	53, 32.048, 14.508
Yxy	21.0214, 0.4047, 0.3162
Android (android.graphics.Color)	4290013554 (0xFFB46972)
YUV	128.4510, -7.1243, 45.2085
Hunter-Lab	45.8491, 24.5349, 8.0951

Details

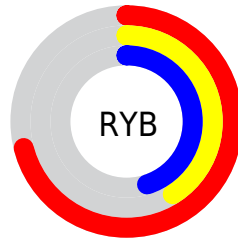
The XYZ color **26.9112, 21.0214, 18.5587** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4987, 38.5865, 44.4235**, and the grayscale version is **20.6889, 21.7664, 23.7036**.

A 20% lighter version of the original color is **54.1998, 45.0443, 41.9142**, and **10.8550, 7.5817, 6.0455** is the 20% darker color. If you saturate the color by 10%, you get **24.4431, 17.4054, 13.6661**, and if you desaturate by 10%, it is **29.9246, 25.4780, 24.4039**.

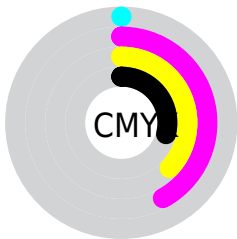
Distribution



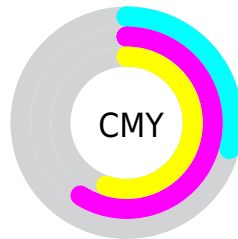
- Red (71%)
- Green (41%)
- Blue (45%)



- Red (71%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (29%)





- Cyan (29%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9112, 21.0214, 18.5587 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 26.9112, 21.0214, 18.5587 by changing the saturation by 10% instead.


 26.9112, 21.0214,
18.5587


 26.9112, 21.0214,
18.5587


279.4023,
257.3922, 256.3426


 17.6428, 13.1396,
11.1783


 54.1622, 45.1231,
41.8138


 10.7920, 7.5248,
6.0712


 72.8756, 62.1119,
58.5255

 5.9934, 3.7924,
2.8189


 95.4679, 82.9052,
79.1848

 2.8817, 1.5581,
1.0029

 122.3046,
107.8873, 104.2101

 1.0915, 0.3291,
0.0000

153.7511,
137.4426, 134.0199

 0.0180, 0.0000,
0.0000

190.1726,

 0.0000, 0.0000,

171.9557, 169.0330

0.0000

231.9345,
211.8107, 209.6677

■ 26.9112, 21.0214,
18.5587

■ 26.9112, 21.0214,
18.5587

■ 24.4431, 17.4054,
13.6661

■ 29.9246, 25.4780,
24.4039

■ 22.4859, 14.5742,
9.6743

■ 33.5116, 30.8201,
31.2474

■ 21.0039, 12.4704,
6.5284


■ 37.7007, 37.0931,
39.1334


■ 19.9559, 11.0271,
4.1668


■ 42.5177, 44.3385,
48.1030


■ 19.2936, 10.1652,
2.5195


■ 47.9872, 52.5953,
58.1950

 18.9632, 9.7596,
1.6228

 54.1323, 61.9002,
69.4466

 60.9750, 72.2881,
81.8929

 68.5363, 83.7925,
95.5678

 72.6323, 88.4433,
107.8509

Harmonies

Analogous

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



26.8762, 21.0214, 28.1957



26.9112, 21.0214, 18.5587



24.9515, 21.0214, 12.2127

Triad

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



26.9112, 21.0214, 18.5587



15.7843, 21.0214, 12.0656



18.3036, 21.0214, 45.7539

Complementary

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



26.9112, 21.0214, 18.5587



29.4987, 38.5865, 44.4235

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.



15.7174, 21.0214, 38.4663



26.9112, 21.0214, 18.5587



14.3779, 21.0214, 18.2933

Square

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



26.9112, 21.0214, 18.5587



18.4048, 21.0214, 9.2412



14.3549, 21.0214, 27.8448



21.6431, 21.0214, 45.8845

Rectangle

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



26.9112, 21.0214, 18.5587



22.8921, 21.0214, 9.9188



14.3549, 21.0214, 27.8448



17.3263, 21.0214, 43.9853

Sweetspot

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



26.9118, 21.0224, 18.5591



67.9194, 66.5972, 70.1331



29.8680, 21.9456, 45.8416



14.4589, 14.0626, 14.7442



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.



26.9118, 21.0224, 18.5591



44.6472, 32.0355, 25.4346



29.6921, 27.3627, 17.0826



8.5365, 8.5213, 9.0574



13.2489, 6.8171, 1.2050



0.4301, 0.2198, 0.1076

Inverse Universe

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



26.9118, 21.0224, 18.5591



44.6472, 32.0355, 25.4346



25.3744, 28.9186, 47.4244



8.5365, 8.5213, 9.0574



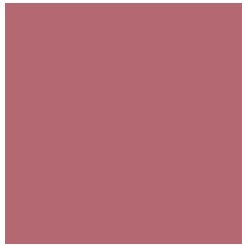
13.2489, 6.8171, 1.2050



0.4301, 0.2198, 0.1076

Previews

White Background



This preview shows how the XYZ color 26.9112, 21.0214, 18.5587 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 26.9112, 21.0214, 18.5587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

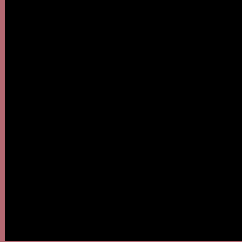
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9112, 21.0214, 18.5587

Background



This preview shows how black text looks on a background with the XYZ color 26.9112, 21.0214, 18.5587.



This preview shows how white text looks on a background with the XYZ color 26.9112, 21.0214,

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

26.9112, 21.0214, 18.5587

Protanopia

20.2800, 21.0952, 22.7416

Deuteranopia

21.5058, 21.0865, 17.9755



Tritanopia

26.8546, 20.9987, 18.2605

Trichromacy



Original Color

26.9112, 21.0214, 18.5587

Protanomaly

22.2040, 20.6579, 21.2294

Deuteranomaly

23.2706, 20.9297, 18.1426

Tritanomaly

26.8546, 20.9987, 18.2605

Monochromacy



Original Color

26.9112, 21.0214, 18.5587

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.3242, 21.0660, 21.6284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9112, 21.0214, 18.5587 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(180, 105, 114)` looks like.

```
.text, #text, p{  
    color:rgb(180, 105, 114)  
}
```

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(180, 105, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 105, 114) }
```

Border

The CSS property to change the border of an element to XYZ 26.9112, 21.0214, 18.5587 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(180, 105, 114) }
```


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

```
.border{ border-color:rgb(180, 105, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 105, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 105, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 105, 114);  
box-shadow:4px 4px 4px 4px rgb(180, 105,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9112, 21.0214, 18.5587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 105, 114) }
```

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

```
.background{ background-color: rgb(180,  
105, 114) }
```

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