

Converting Colors

XYZ(27.5696, 21.5514, 18.4694)

Have a look what the booklet for
XYZ(27.5696, 21.5514, 18.4694)
contains.

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Color

**XYZ(27.4261, 21.4454,
18.3166)**

Conversions

Conversions Part 1

Format	Color
Hex	B66A71
RGB	182, 106, 113
RGB Percent	71%, 42%, 44%
CMY	0.2863, 0.5843, 0.5569
CMYK	0.00, 0.42, 0.38, 0.29
HSL	354°, 34%, 56%
HSV	354°, 42%, 71%
XYZ	27.4261, 21.4454, 18.3166
YIQ	129.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

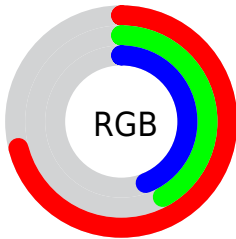
Format	Color
R_{YB}	182, 106, 113
Decimal	11954801
CIE _{Lab}	53.43, 31.12, 9.31
CIE _{LCh}	53, 32.483, 16.650
Yxy	21.4454, 0.4082, 0.3192
Android (android.graphics.Color)	4290144881 (0xFFB66A71)
YUV	129.5220, -8.1453, 46.0232
Hunter-Lab	46.3092, 24.6736, 8.9655

Details

The XYZ color **27.4261, 21.4454, 18.3166** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.4107, 39.6158, 46.6036**, and the grayscale version is **21.0672, 22.1643, 24.1369**.

A 20% lighter version of the original color is **54.9536, 45.6956, 41.5211**, and **11.0214, 7.7435, 5.9148** is the 20% darker color. If you saturate the color by 10%, you get **24.8985, 17.7459, 13.2946**, and if you desaturate by 10%, it is **30.5223, 26.0108, 24.3643**.

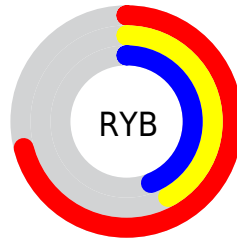
Distribution



Red (71%)

Green (42%)

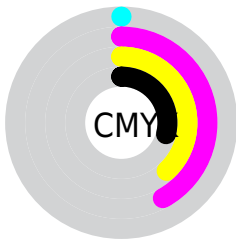
Blue (44%)



Red (71%)

Yellow (42%)

Blue (44%)

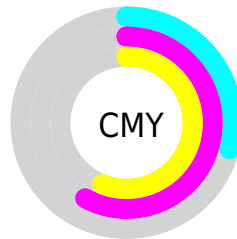


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (58%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4261, 21.4454, 18.3166 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 27.4261, 21.4454, 18.3166 by changing the saturation by 10% instead.


 27.4261, 21.4454,
18.3166


 27.4261, 21.4454,
18.3166


281.8444,
259.6362, 254.9453


 18.0317, 13.4500,
11.0057


 54.9819, 45.8276,
41.3973


 11.0726, 7.7391,
5.9565


 73.8741, 62.9832,
58.0042

 6.1833, 3.9285,
2.7503


 96.6630, 83.9610,
78.5468

 2.9986, 1.6336,
0.9686

 123.7138,
109.1453, 103.4438

 1.1530, 0.3801,
0.0000

155.3920,
138.9206, 133.1135

 0.0688, 0.0000,
0.0000

192.0630,

 0.0000, 0.0000,

173.6712, 167.9747

0.0000

234.0920,
213.7816, 208.4458

■ 27.4261, 21.4454,
18.3166

■ 27.4261, 21.4454,
18.3166

■ 24.8985, 17.7459,
13.2946

■ 30.5223, 26.0108,
24.3643

■ 22.9031, 14.8546,
9.2401

■ 34.2170, 31.4887,
31.4890

■ 21.4022, 12.7120,
6.0910

■ 38.5402, 37.9261,
39.7400


■ 20.3521, 11.2487,
3.7775


■ 43.5192, 45.3659,
49.1632


■ 19.7015, 10.3826,
2.2194


■ 49.1799, 53.8483,
59.8020

 19.3907, 9.9848,
1.4255

 55.5465, 63.4114,
71.6976

 62.6424, 74.0915,
84.8891

 70.4896, 85.9228,
99.4141

 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



27.5468, 21.4454, 28.0200



27.4261, 21.4454, 18.3166



25.2871, 21.4454, 12.0762

Triad

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



27.4261, 21.4454, 18.3166



15.9278, 21.4454, 12.5818



18.8888, 21.4454, 47.1571

Complementary

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



27.4261, 21.4454, 18.3166



30.4107, 39.6158, 46.6036

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.



16.1582, 21.4454, 40.0791



27.4261, 21.4454, 18.3166



14.5835, 21.4454, 19.2307

Square

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



27.4261, 21.4454, 18.3166



18.5401, 21.4454, 9.4634



14.6628, 21.4454, 29.2310



22.3446, 21.4454, 46.7059

Rectangle

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



27.4261, 21.4454, 18.3166



23.1286, 21.4454, 9.8856



14.6628, 21.4454, 29.2310



17.8642, 21.4454, 45.5101

Sweetspot

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



27.4267, 21.4465, 18.3170



68.6520, 66.9388, 69.7267



31.1430, 22.7313, 47.0022



14.7671, 14.1946, 14.6464



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.



27.4267, 21.4465, 18.3170



45.5166, 32.7211, 24.8570



30.7543, 28.7079, 17.5573



9.0373, 9.0253, 9.5438



13.7048, 7.0557, 1.0665



0.4944, 0.2532, 0.0970

Inverse Universe

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



27.4267, 21.4465, 18.3170



45.5166, 32.7211, 24.8570



25.5517, 28.7694, 48.4624



9.0373, 9.0253, 9.5438



13.7048, 7.0557, 1.0665



0.4944, 0.2532, 0.0970

Previews

White Background



This preview shows how the XYZ color 27.4261, 21.4454, 18.3166 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 27.4261, 21.4454, 18.3166 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 27.4261, 21.4454, 18.3166

Background



This preview shows how black text looks on a background with the XYZ color 27.4261, 21.4454, 18.3166.



This preview shows how white text looks on a background with the XYZ color 27.4261, 21.4454,

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

27.4261, 21.4454, 18.3166

Protanopia

20.7173, 21.7189, 22.1690

Deuteranopia

21.9301, 21.4948, 17.7449



Tritanopia

27.4827, 21.4681, 18.6148

Trichromacy



Original Color

27.4261, 21.4454, 18.3166

Protanomaly

22.6843, 21.2730, 20.6798

Deuteranomaly

23.7277, 21.3439, 17.9081

Tritanomaly

27.4827, 21.4681, 18.6148

Monochromacy



Original Color

27.4261, 21.4454, 18.3166

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8699, 21.5195, 22.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4261, 21.4454, 18.3166 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(182, 106, 113)` looks like.

```
.text, #text, p{  
    color:rgb(182, 106, 113)  
}
```

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(182, 106, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 106, 113) }
```

Border

The CSS property to change the border of an element to XYZ 27.4261, 21.4454, 18.3166 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(182, 106, 113) }
```


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

```
.border{ border-color:rgb(182, 106, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 106, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 106, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 106, 113); box-shadow:4px 4px 4px 4px rgb(182, 106, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4261, 21.4454, 18.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 106, 113) }
```

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

```
.background{ background-color: rgb(182,  
106, 113) }
```

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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