

# Converting Colors

XYZ(27.6353, 21.7143, 18.7723)

Have a look what the booklet for  
XYZ(27.6353, 21.7143, 18.7723)  
contains.

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# Color

**XYZ(27.5864, 21.6754,  
18.6494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B66B72
RGB	182, 107, 114
RGB Percent	71%, 42%, 45%
CMY	0.2863, 0.5804, 0.5529
CMYK	0.00, 0.41, 0.37, 0.29
HSL	354°, 34%, 57%
HSV	354°, 41%, 71%
XYZ	27.5864, 21.6754, 18.6494
YIQ	130.2230, 42.4530, 18.0770

# Conversions

## Conversions Part 2

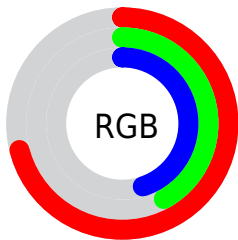
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 107, 114
Decimal	11955058
CIE Lab	53.68, 30.70, 9.07
CIE LCh	54, 32.009, 16.459
Yxy	21.6754, 0.4062, 0.3192
Android (android.graphics.Color)	4290145138 (0xFFB66B72)
YUV	130.2230, -7.9979, 45.4084
Hunter-Lab	46.5568, 24.2924, 8.8398

# Details

The XYZ color **27.5864, 21.6754, 18.6494** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.5303, 39.6774, 46.6091**, and the grayscale version is **21.3145, 22.4245, 24.4203**.

A 20% lighter version of the original color is **55.2163, 46.0747, 42.0595**, and **11.1006, 7.8551, 6.0854** is the 20% darker color. If you saturate the color by 10%, you get **25.0286, 17.9299, 13.5732**, and if you desaturate by 10%, it is **30.7142, 26.2896, 24.7522**.

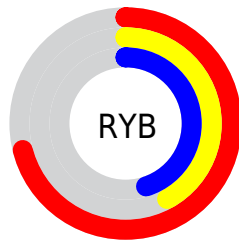
# Distribution



Red (71%)

Green (42%)

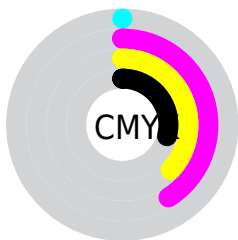
Blue (45%)



Red (71%)

Yellow (42%)

Blue (45%)

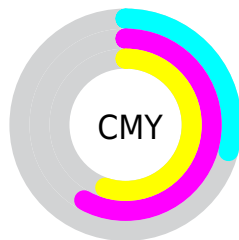


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (29%)



Cyan (29%)

Magenta (58%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5864, 21.6754, 18.6494 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 27.5864, 21.6754, 18.6494 by changing the saturation by 10% instead.





 27.5864, 21.6754,  
18.6494


 27.5864, 21.6754,  
18.6494

282.6013,  
260.8464, 256.8643


 18.1530, 13.6186,  
11.2430


 55.2367, 46.2089,  
41.9696


 11.1602, 7.8559,  
6.1143


 74.1843, 63.4544,  
58.7205

 6.2428, 4.0029,  
2.8448


 97.0340, 84.5316,  
79.4232

 3.0353, 1.6752,  
1.0159

 124.1511,  
109.8248, 104.4964

 1.1725, 0.4075,  
0.0000

155.9011,  
139.7185, 134.3585

 0.0845, 0.0000,  
0.0000

192.6492,

 0.0000, 0.0000,

174.5971, 169.4282

0.0000

234.7608,  
214.8449, 210.1239

■ 27.5864, 21.6754,  
18.6494

■ 27.5864, 21.6754,  
18.6494

■ 25.0286, 17.9299,  
13.5732

■ 30.7142, 26.2896,  
24.7522

■ 23.0047, 14.9955,  
9.4658

■ 34.4417, 31.8186,  
31.9323

■ 21.4771, 12.8132,  
6.2657


■ 38.7988, 38.3094,  
40.2388


■ 20.4027, 11.3142,  
3.9039


■ 43.8126, 45.8047,  
49.7173

■ 19.7306, 10.4174,  
2.3012


■ 49.5089, 54.3445,  
60.4109

 19.3924, 9.9855,  
1.4347

 55.9120, 63.9669,  
72.3604

 63.0449, 74.7078,  
85.6048

 70.9297, 86.6016,  
100.1814

 73.1014, 88.6851,  
107.8728

# Harmonies

## Analogous

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



27.6920, 21.6754, 28.2991



27.5864, 21.6754, 18.6494



25.4806, 21.6754, 12.3975

# Triad

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



27.5864, 21.6754, 18.6494



16.1865, 21.6754, 12.8449



19.0977, 21.6754, 47.1014

# Complementary

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



27.5864, 21.6754, 18.6494



30.5303, 39.6774, 46.6091

# 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.



16.3893, 21.6754, 40.0861



27.5864, 21.6754, 18.6494



14.8387, 21.6754, 19.4537

# Square

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



27.5864, 21.6754, 18.6494



18.7914, 21.6754, 9.7385



14.9085, 21.6754, 29.3592



22.5250, 21.6754, 46.7085



# Rectangle

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



27.5864, 21.6754, 18.6494



23.3462, 21.6754, 10.1869



14.9085, 21.6754, 29.3592



18.0814, 21.6754, 45.4633

# Sweetspot

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



27.5870, 21.6765, 18.6498



69.5015, 68.2008, 71.3571



31.2691, 22.9501, 47.0378



15.1134, 14.7094, 15.3094



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.



27.5870, 21.6765, 18.6498



45.9563, 33.3522, 25.7687



30.8917, 28.8989, 17.8612



9.0377, 9.0255, 9.5461



13.7061, 7.0562, 1.0734



0.4946, 0.2533, 0.0980



# Inverse Universe

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



27.5870, 21.6765, 18.6498



45.9563, 33.3522, 25.7687



25.7361, 28.9607, 48.4896



9.0377, 9.0255, 9.5461



13.7061, 7.0562, 1.0734

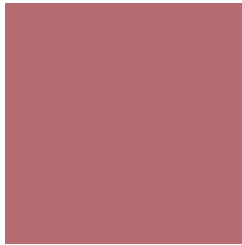


0.4946, 0.2533, 0.0980



# Previews

## White Background



This preview shows how the XYZ color 27.5864, 21.6754, 18.6494 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 27.5864, 21.6754, 18.6494 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 27.5864, 21.6754, 18.6494**

## **Background**



This preview shows how black text looks on a background with the XYZ color 27.5864, 21.6754, 18.6494.



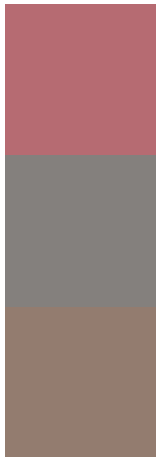
This preview shows how white text looks on a background with the XYZ color 27.5864, 21.6754,



# 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

27.5864, 21.6754, 18.6494

### Protanopia

20.9366, 21.8245, 22.5111

### Deuteranopia

22.1095, 21.7660, 18.0749



## Tritanopia

27.6436, 21.6983, 18.9509

# Trichromacy



## Original Color

27.5864, 21.6754, 18.6494

## Protanomaly

22.7453, 21.2974, 21.0012

## Deuteranomaly

23.9003, 21.6003, 18.2388

## Tritanomaly

27.6436, 21.6983, 18.9509

# Monochromacy



## Original Color

27.5864, 21.6754, 18.6494

## Achromatopsia

21.2178, 22.3228, 24.3095

## Achromatomaly

22.9921, 21.7639, 22.0578

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 27.5864, 21.6754, 18.6494 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, 107, 114)` looks like.

```
.text, #text, p{  
    color:rgb(182, 107, 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(182, 107, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 107, 114) }
```

## Border

The CSS property to change the border of an element to XYZ 27.5864, 21.6754, 18.6494 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, 107, 114) }
```



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

```
.border{ border-color:rgb(182, 107, 114) }
```

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

Here you see how a box with a 4 pixel rgb(182, 107, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 107, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 107, 114);  
box-shadow:4px 4px 4px 4px rgb(182, 107,  
114) }
```

# Background

The CSS property to change the background color of an element to XYZ 27.5864, 21.6754, 18.6494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 107, 114) }
```

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

```
.background{ background-color: rgb(182,  
107, 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](#).

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